

FIG. 1 of 2888880

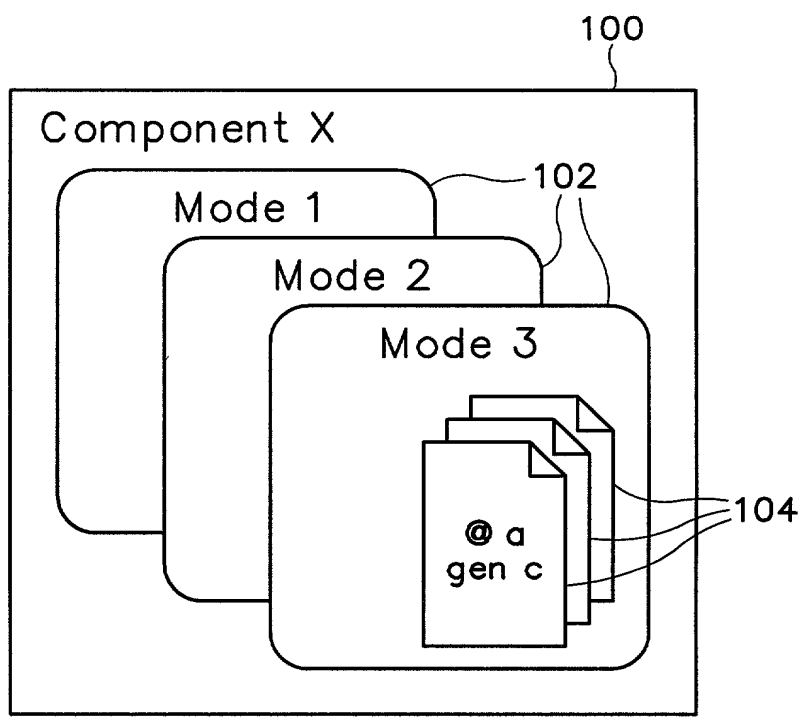


FIG.1

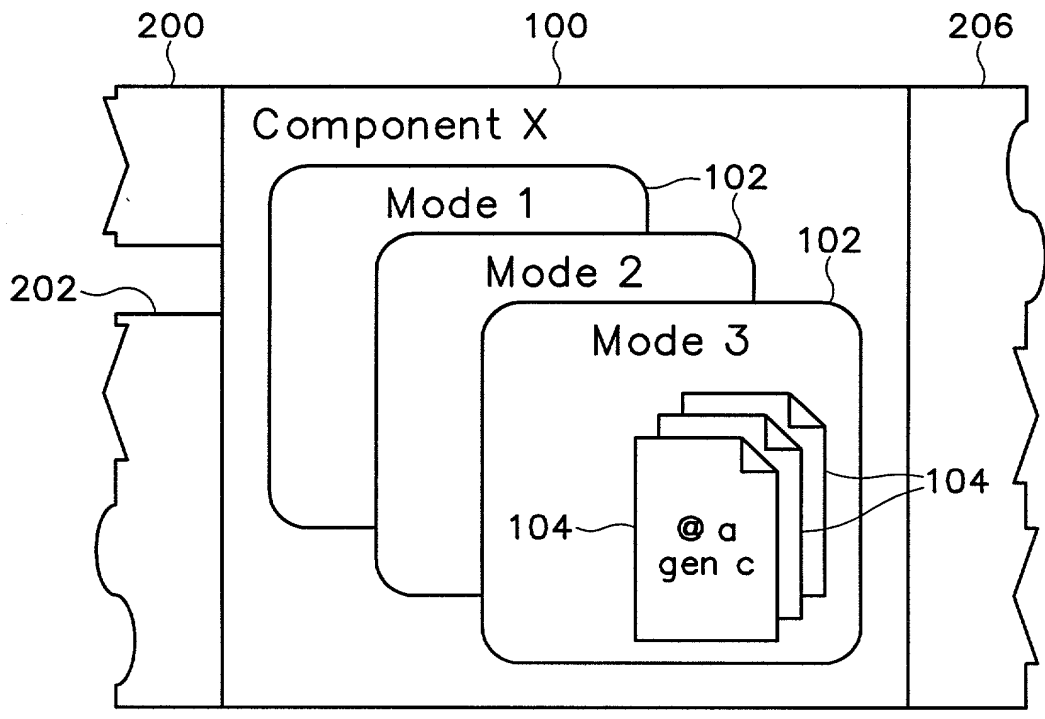
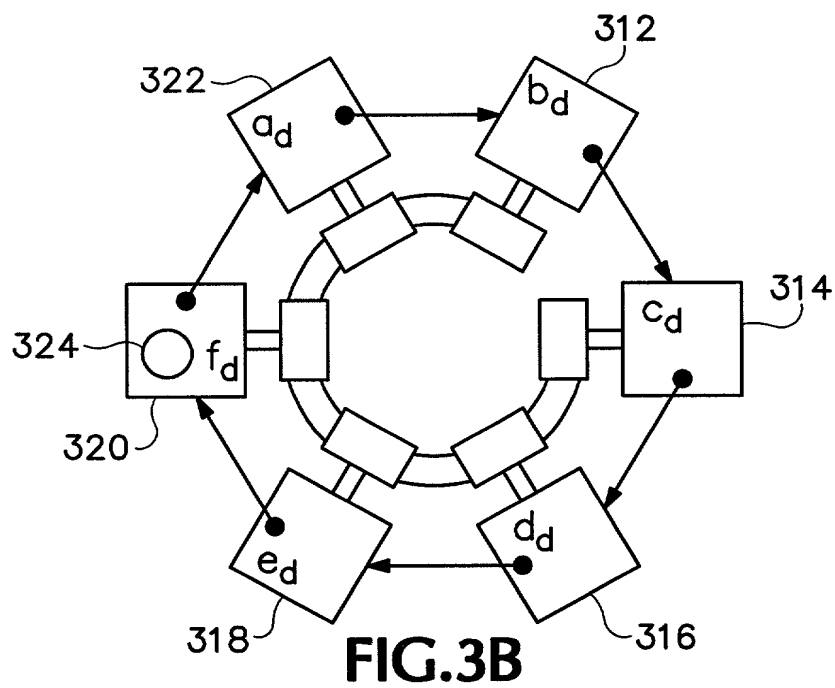
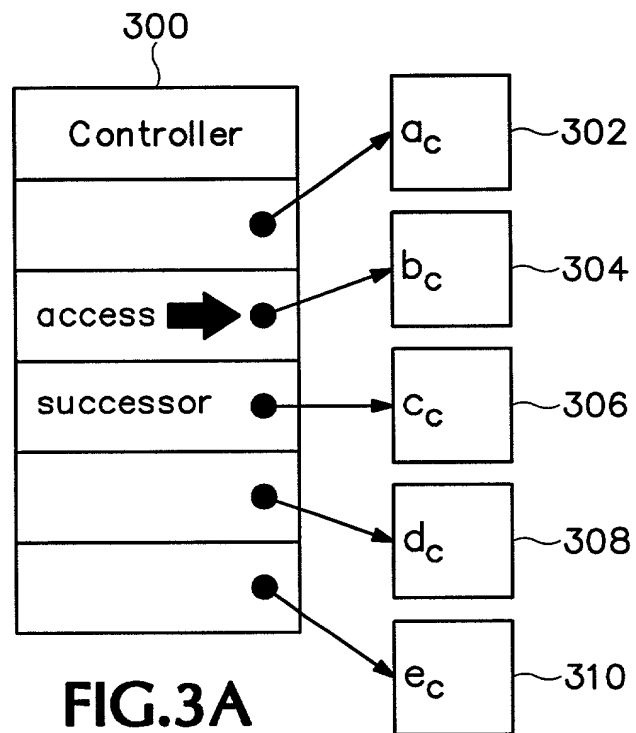


FIG.2



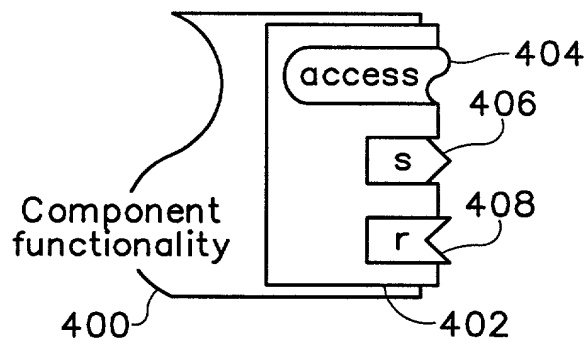


FIG. 4A

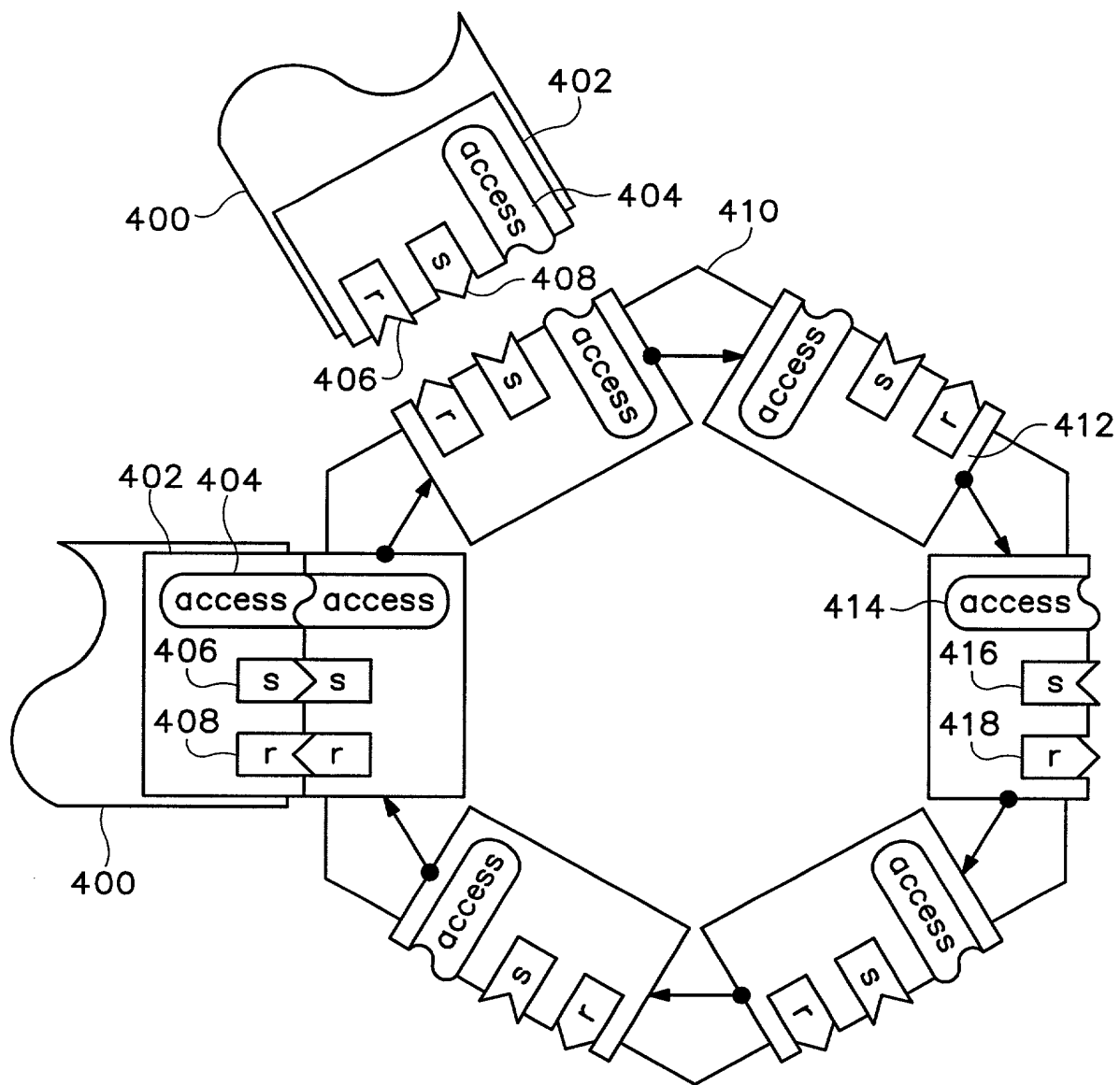


FIG. 4B

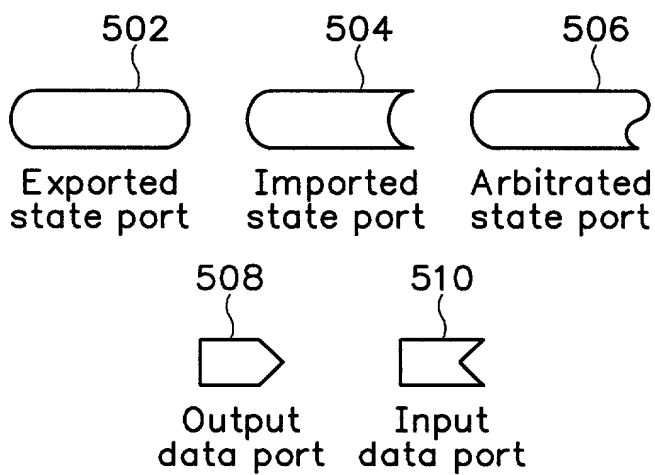


FIG. 5

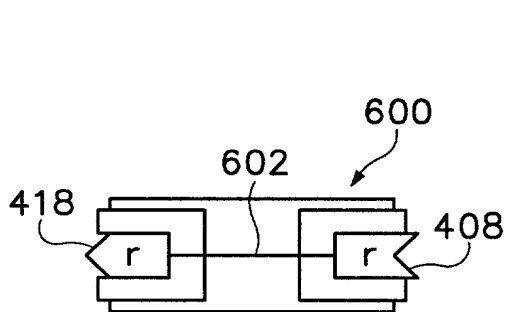


FIG. 6A

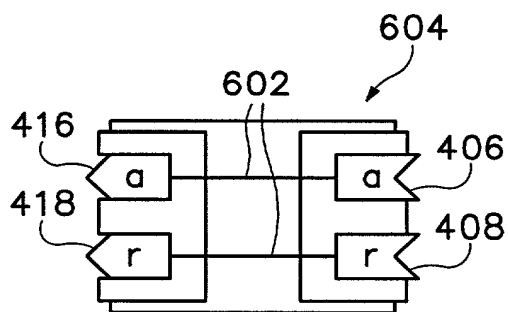


FIG. 6B

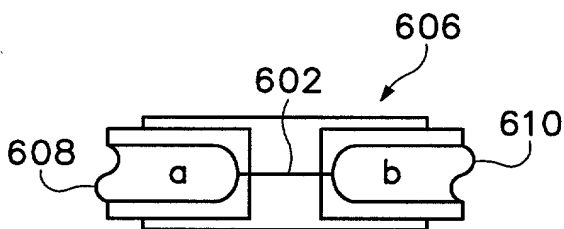


FIG. 6C

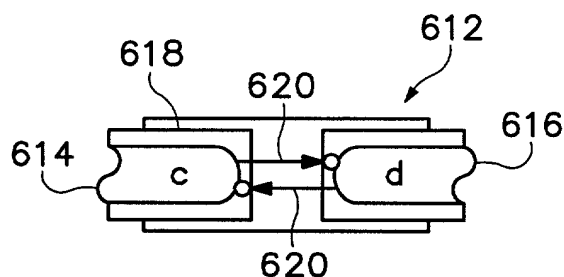


FIG. 6D

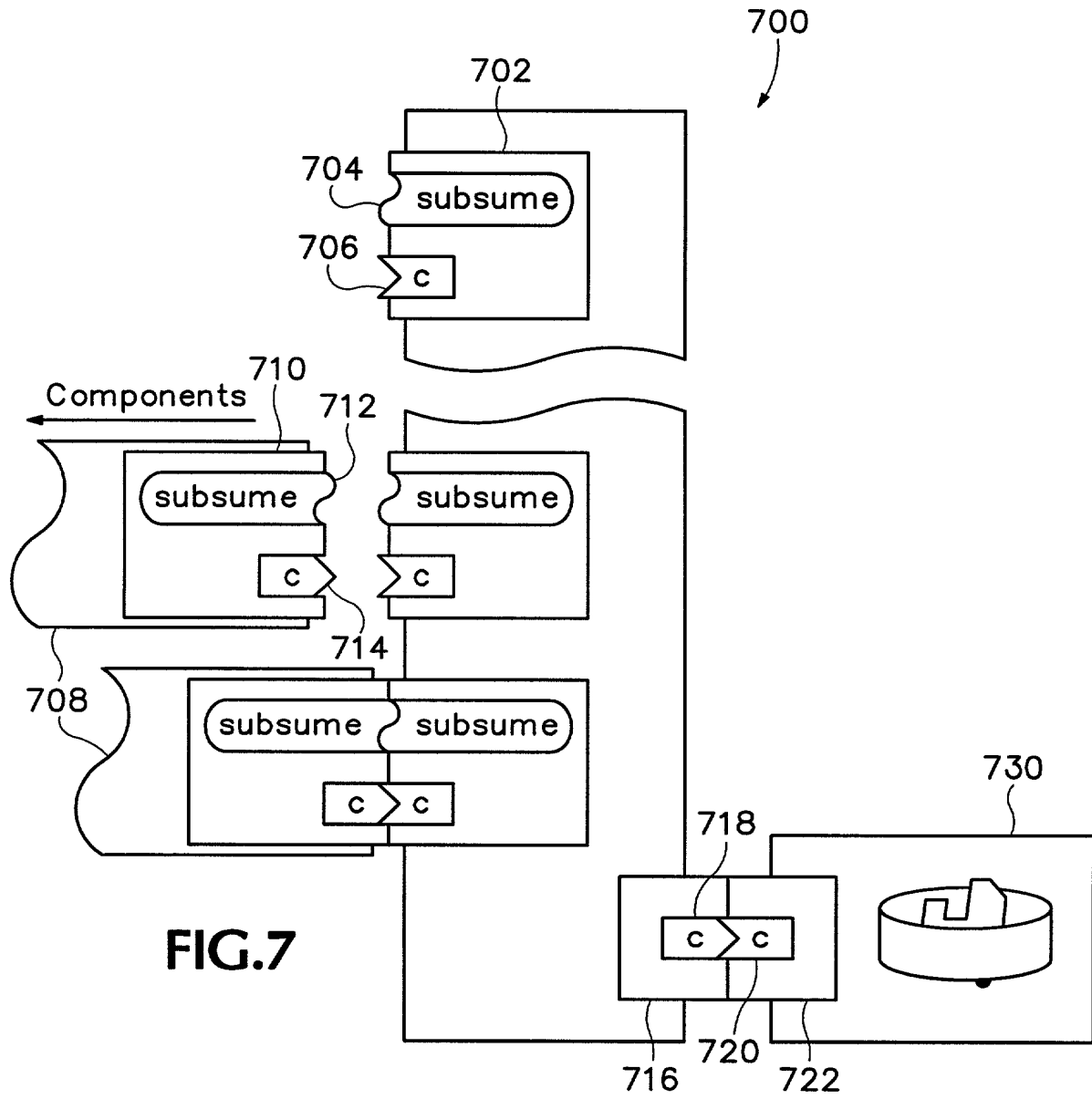
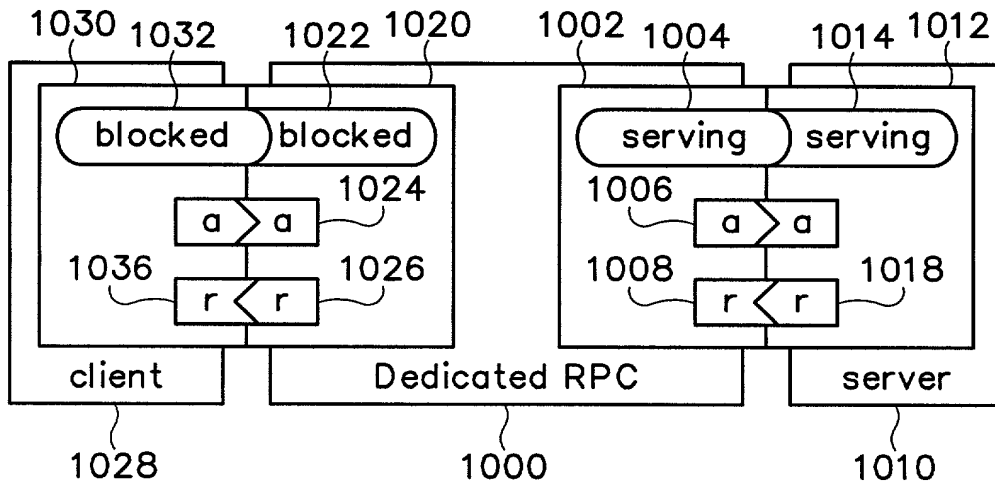


FIG.7

FIG.10



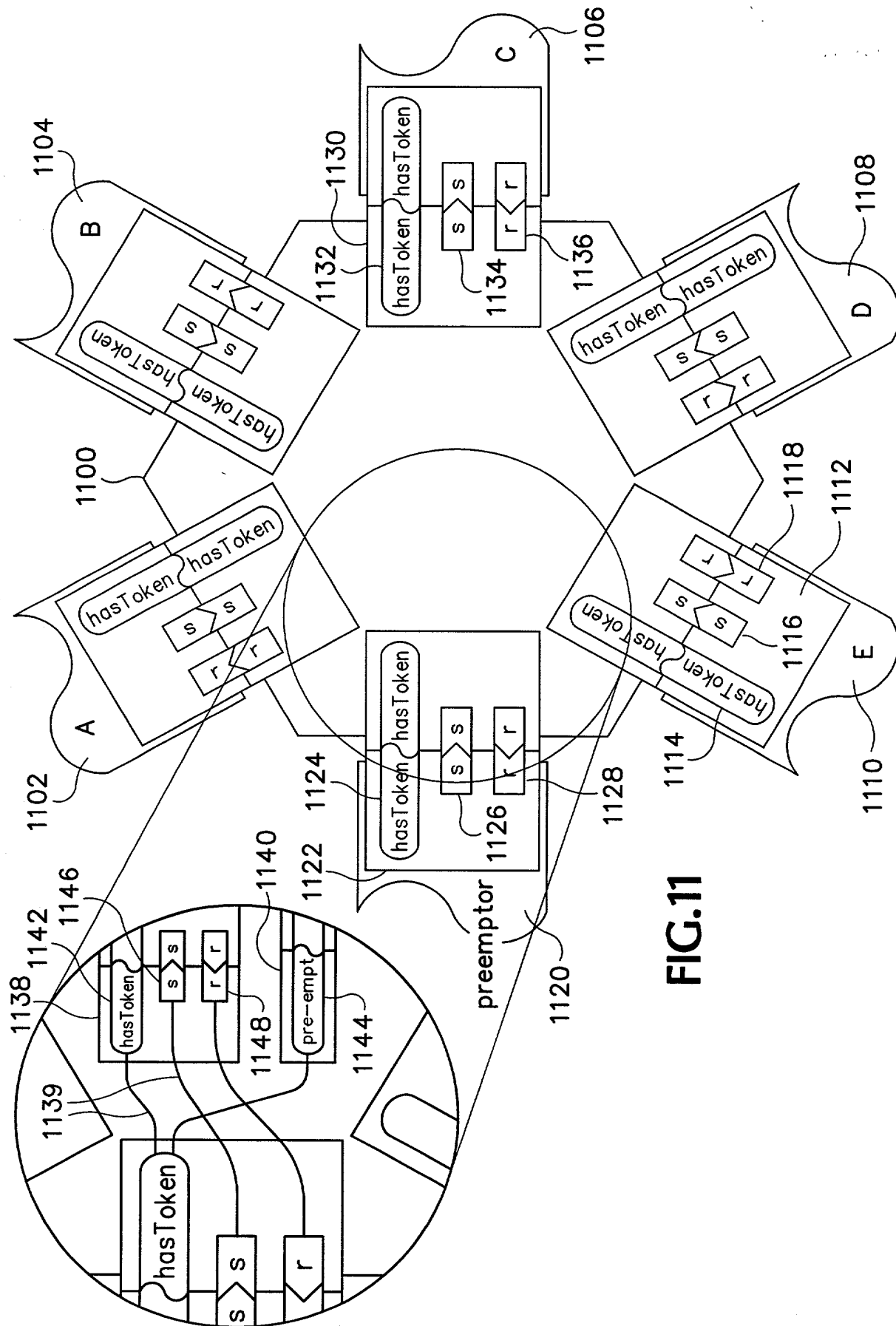


FIG.11

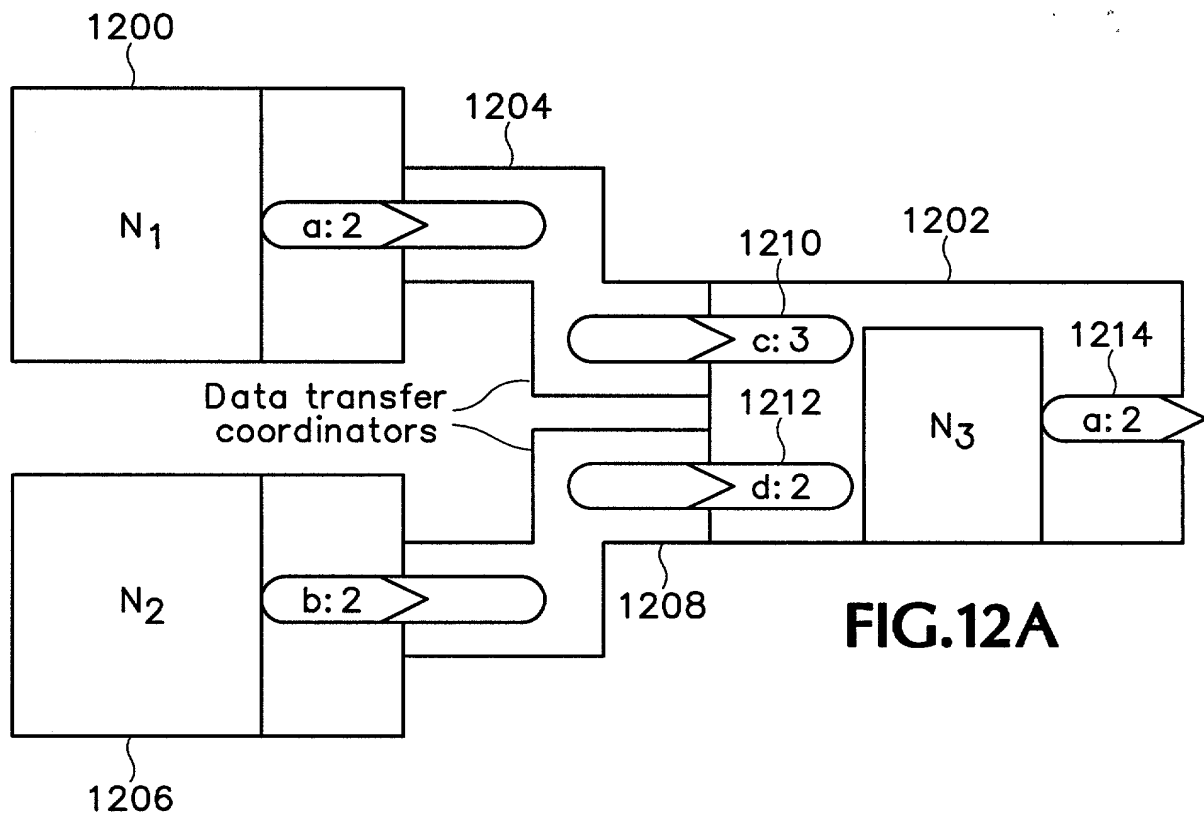


FIG.12A

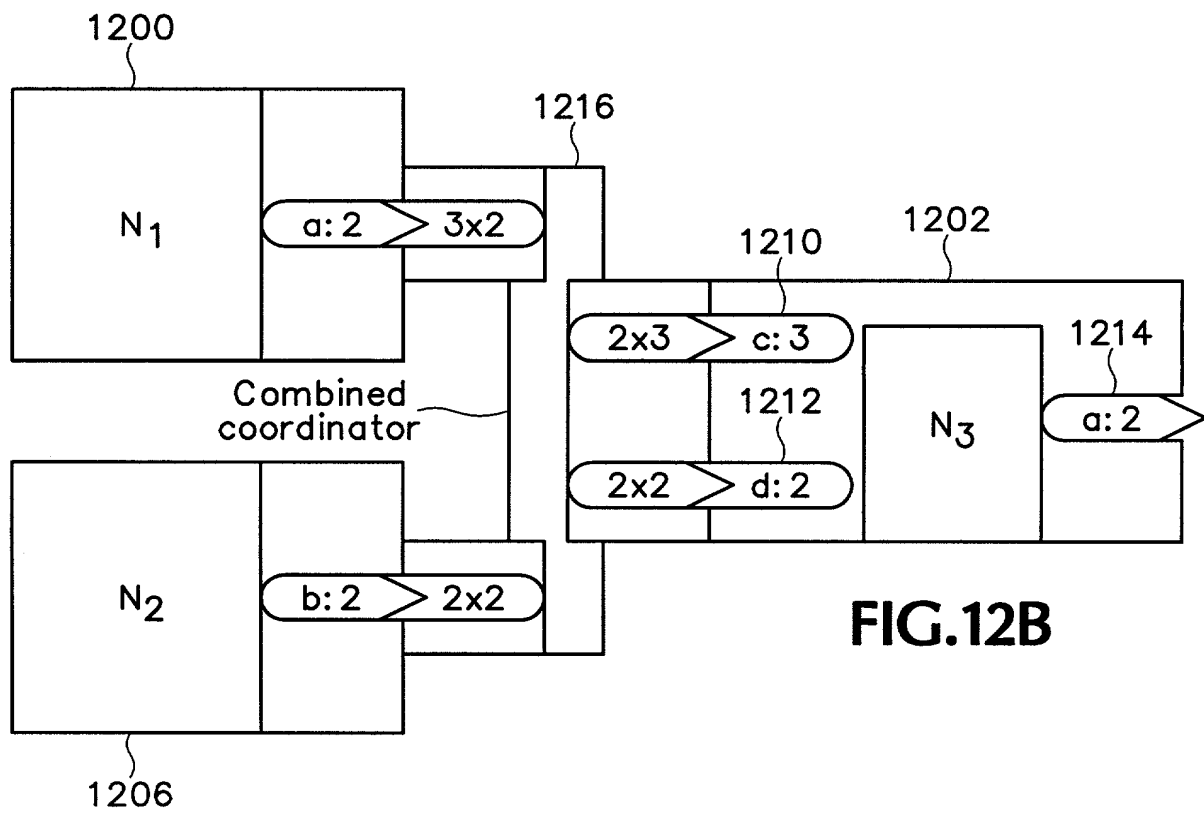


FIG.12B

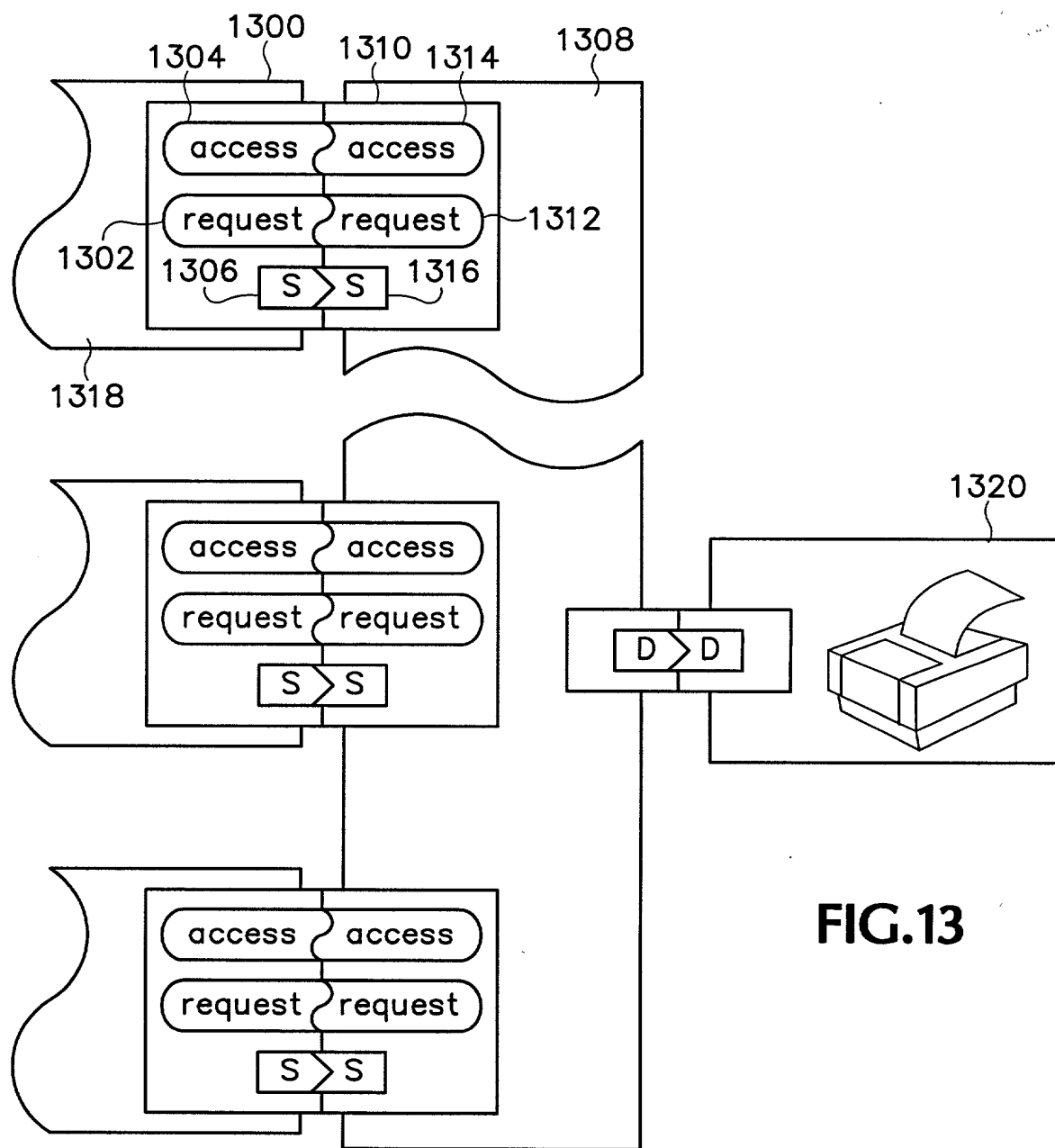


FIG.13

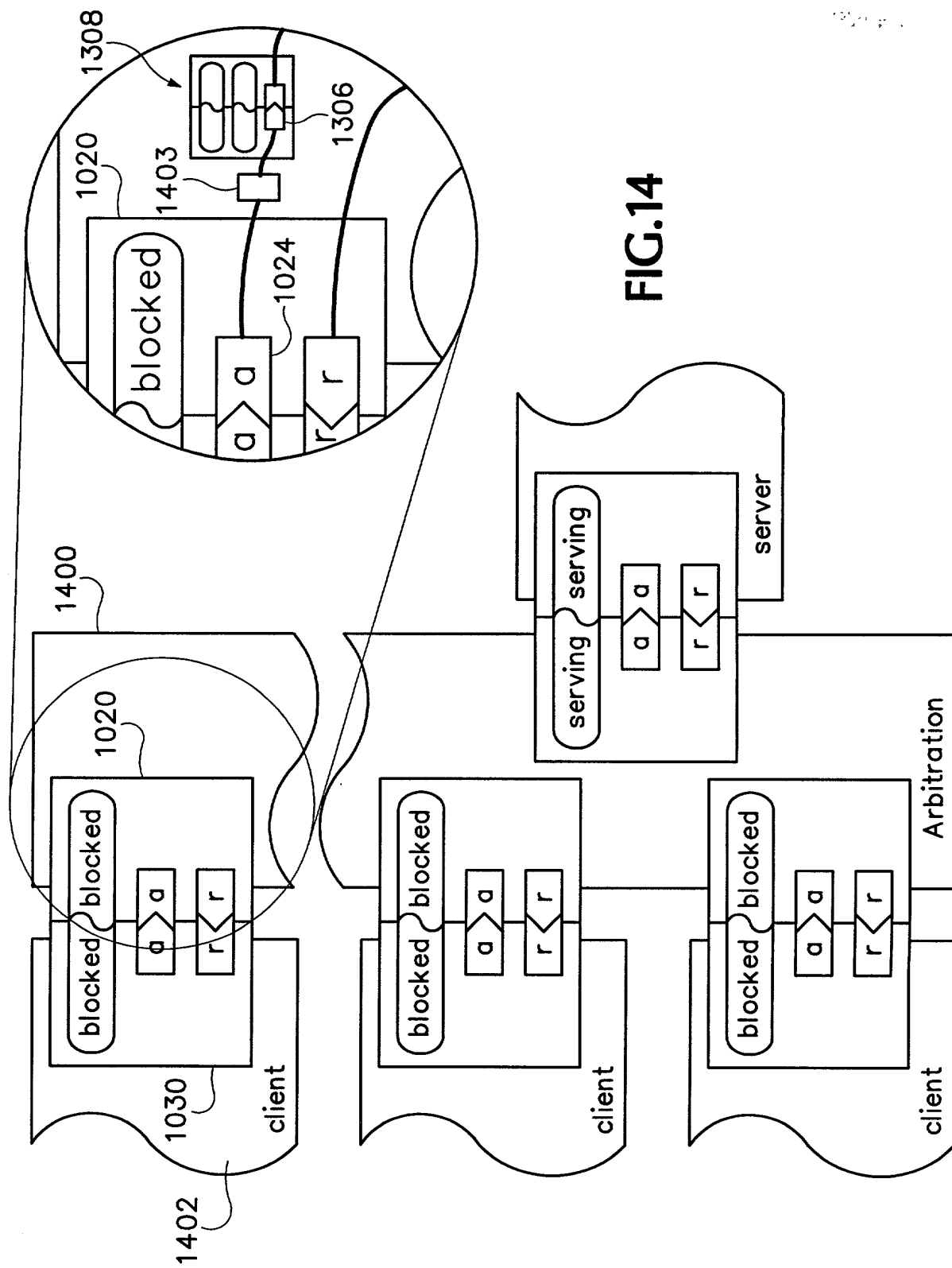


FIG.14

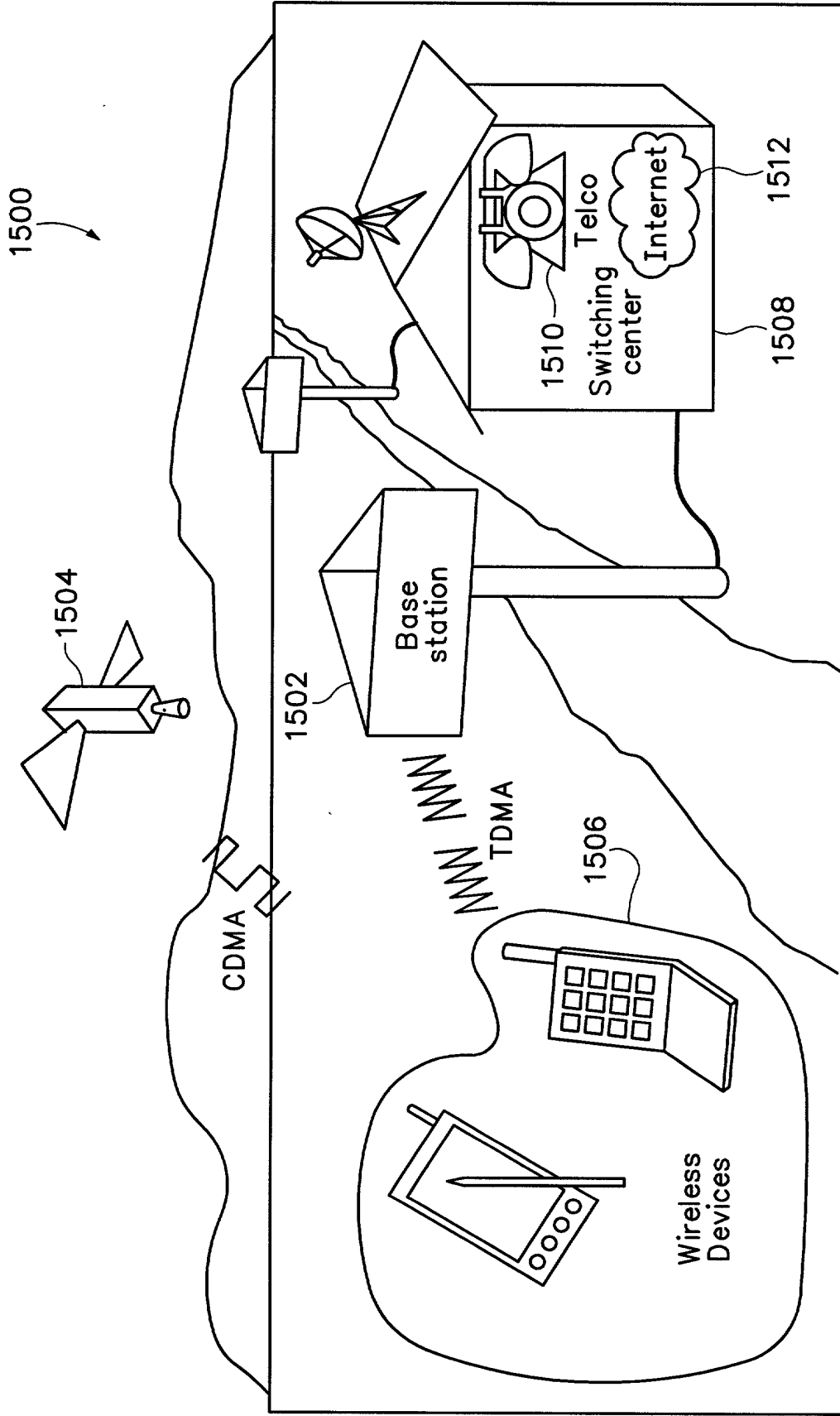


FIG.15

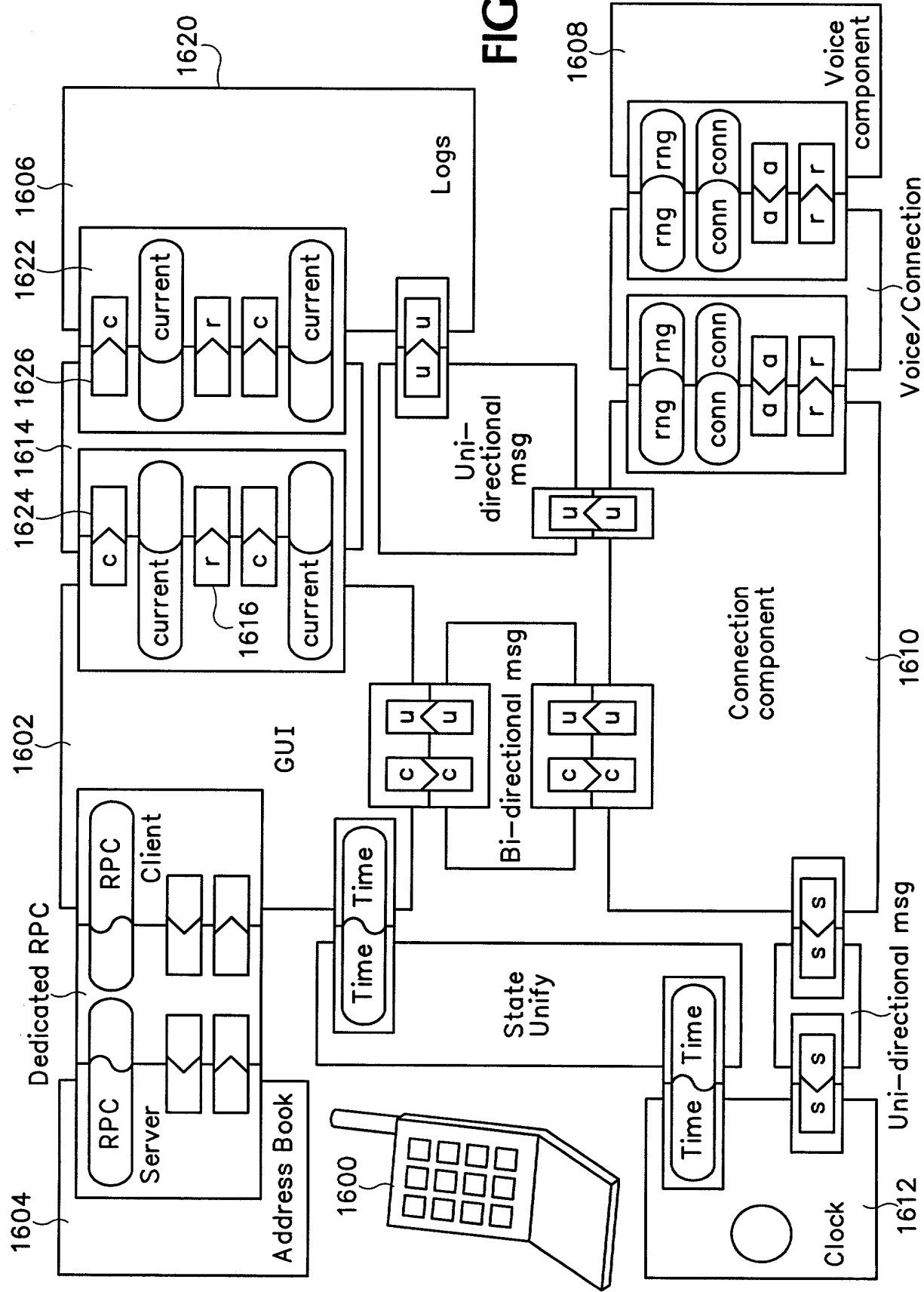


FIG. 16

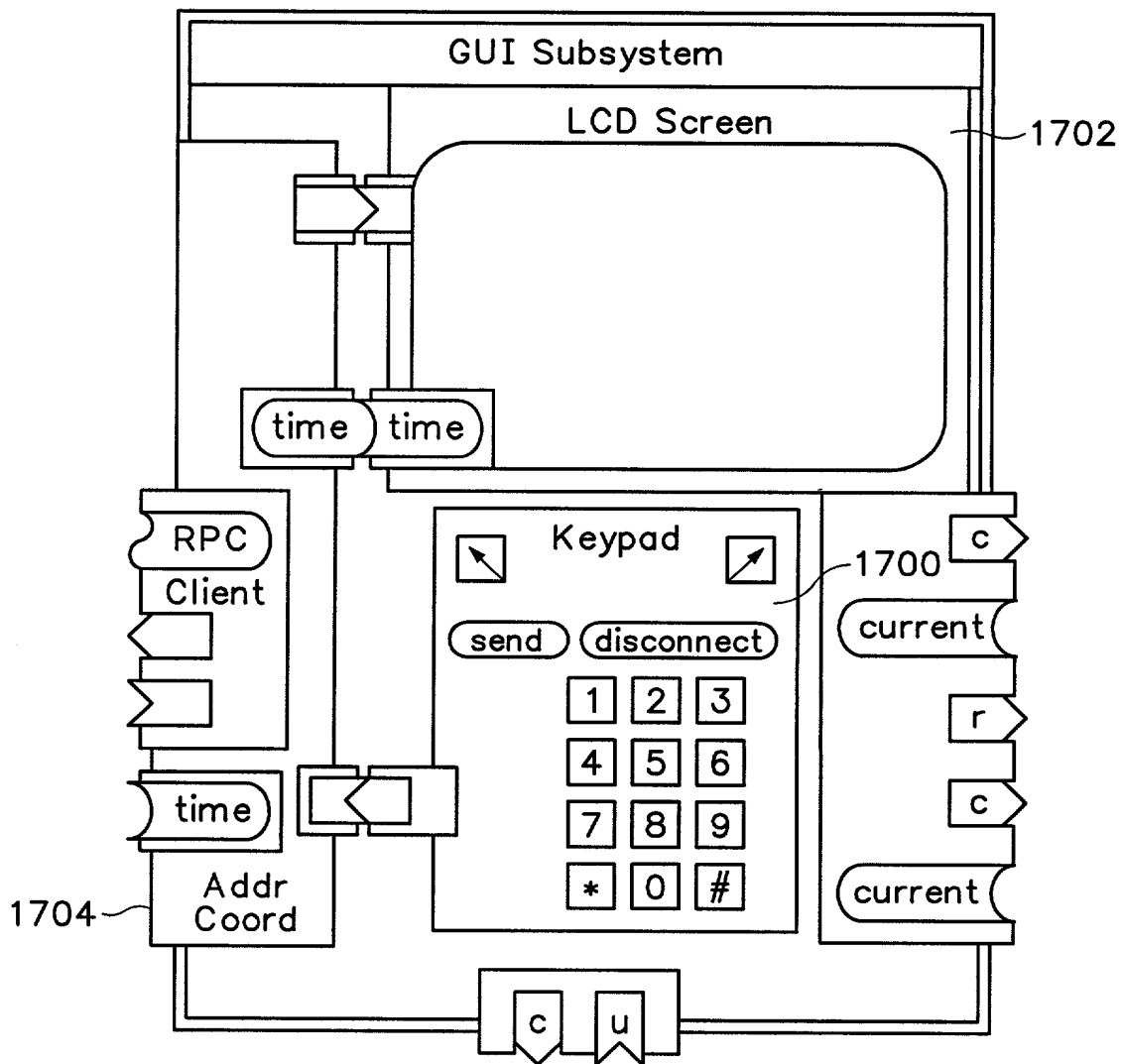


FIG.17A

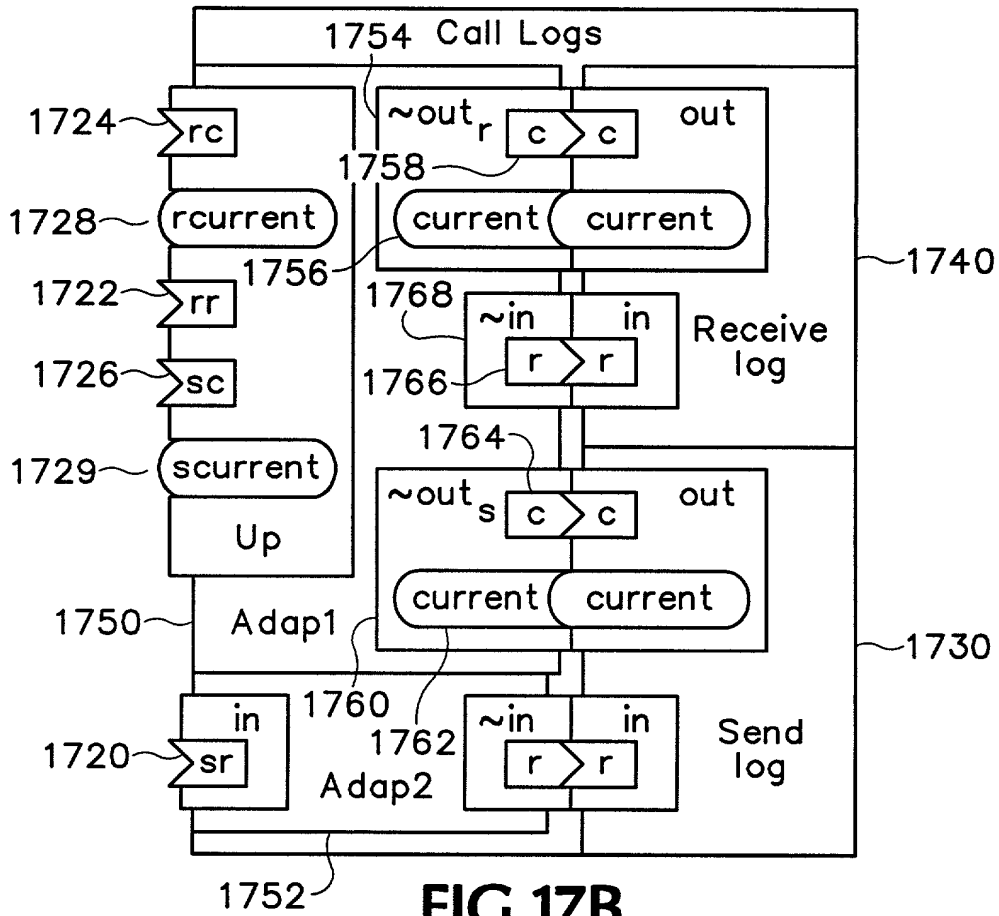


FIG.17B

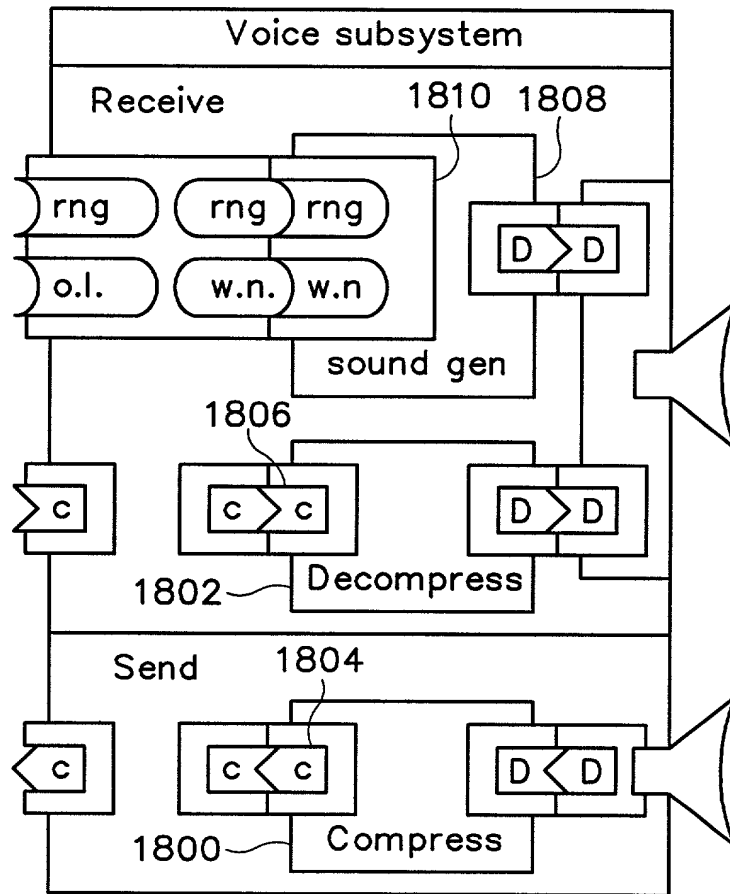


FIG.18A

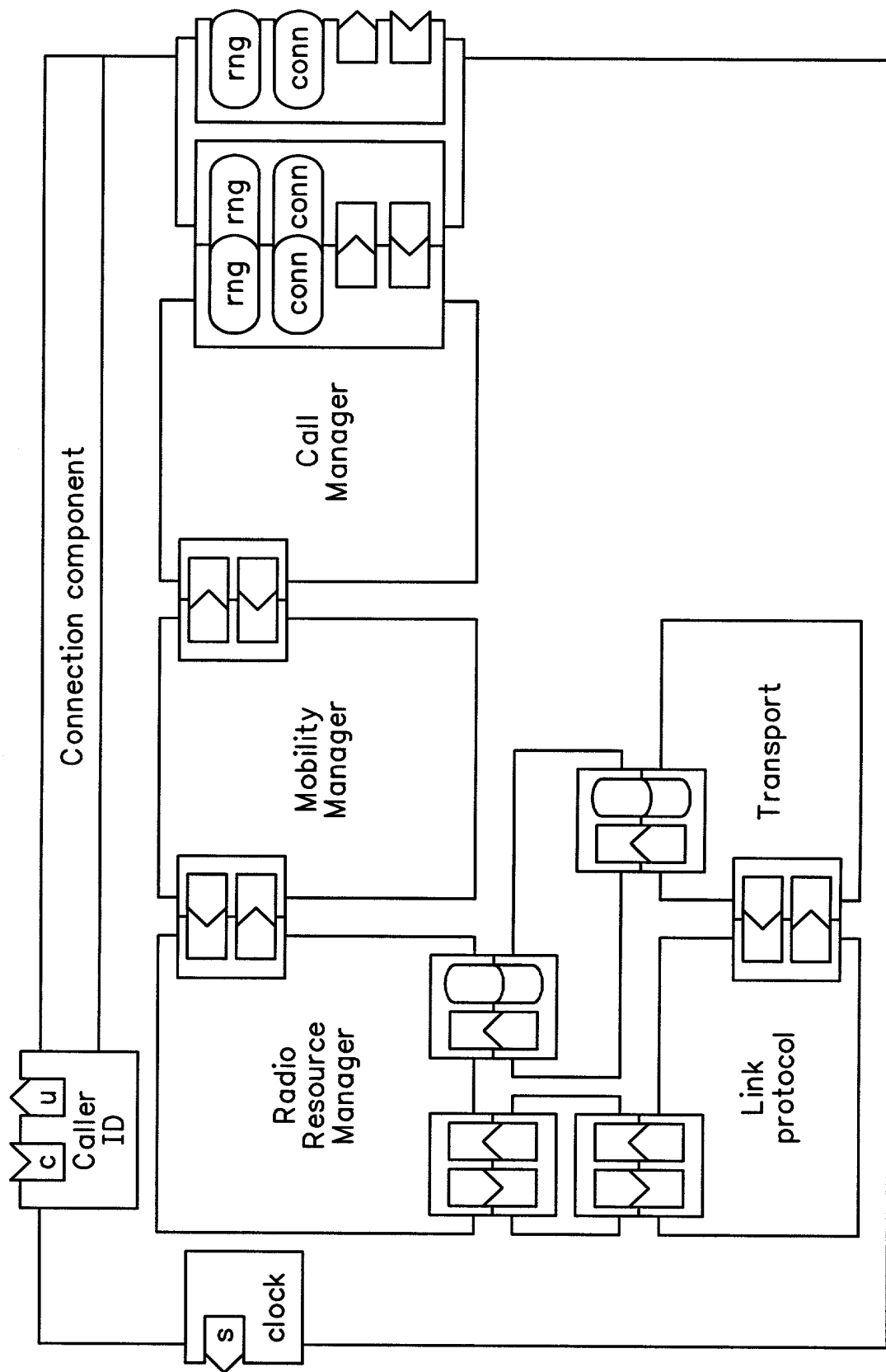


FIG.18B

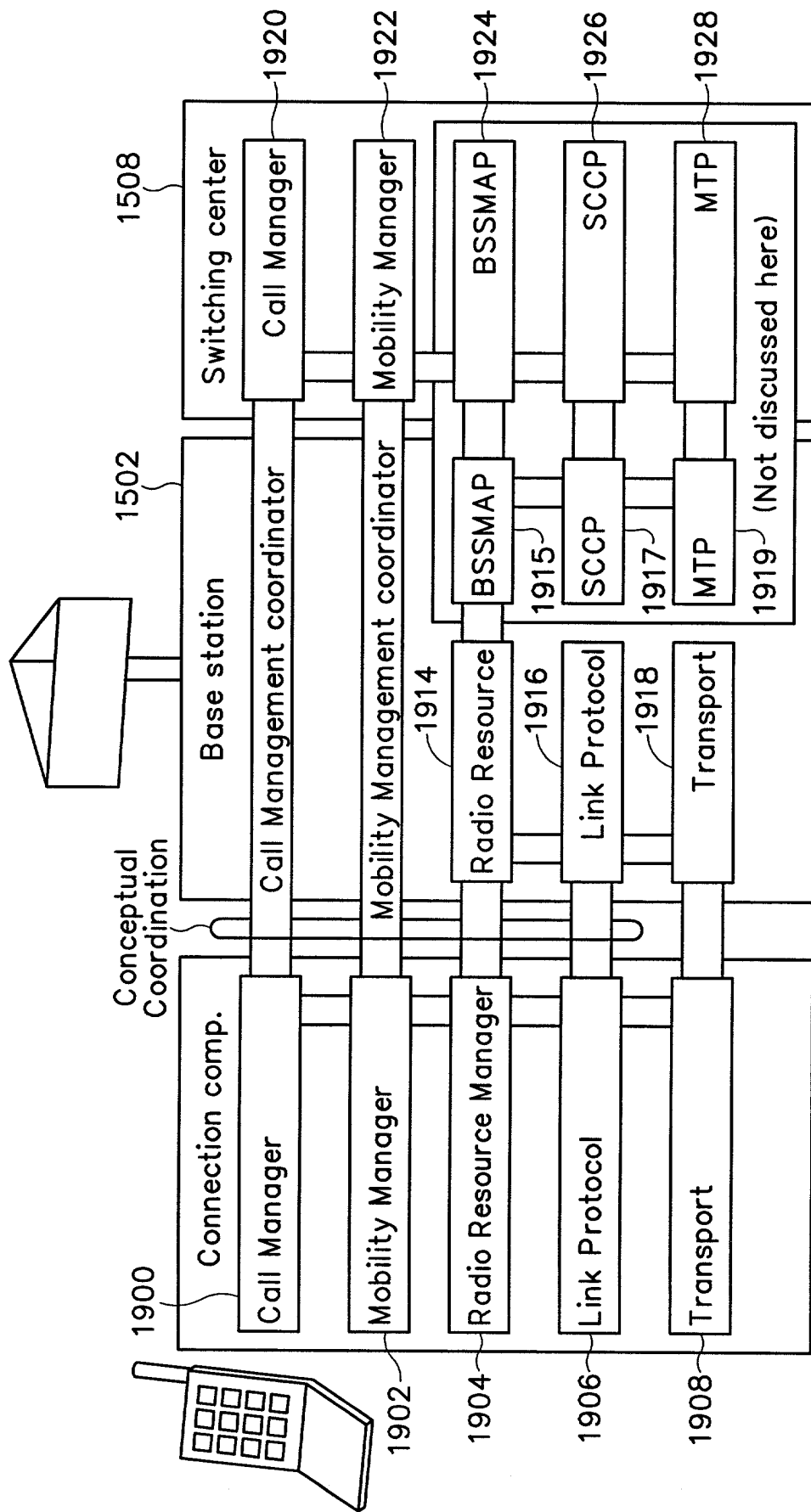


FIG.19

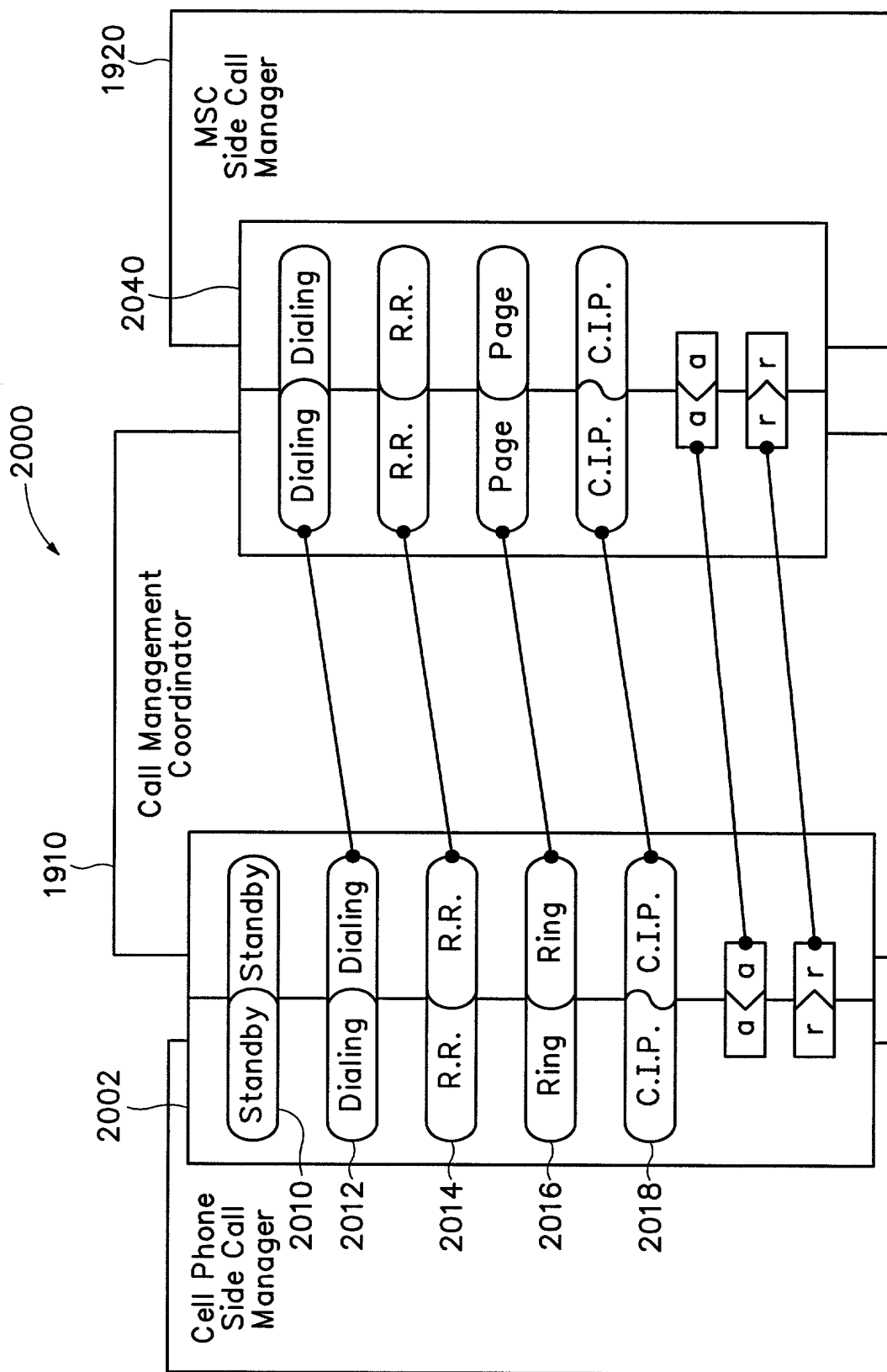


FIG. 20

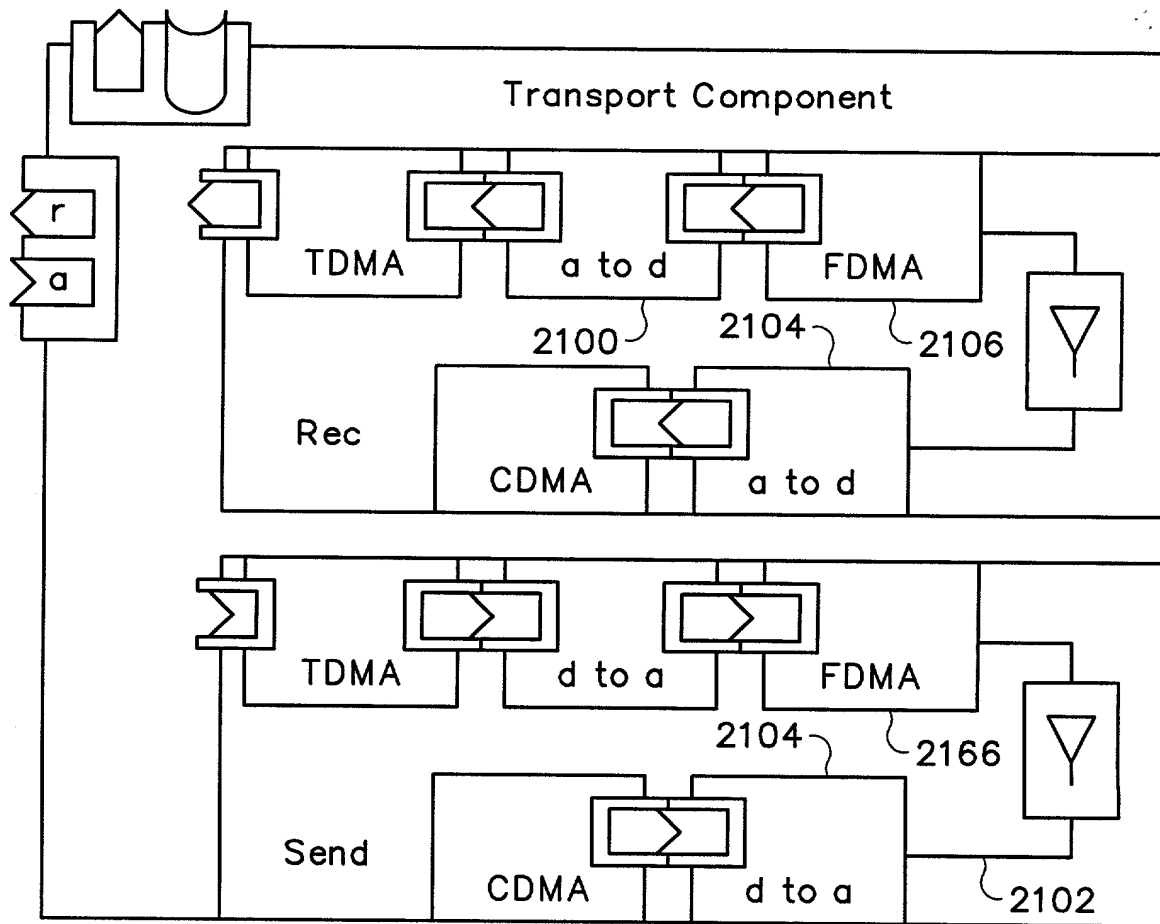


FIG.21A

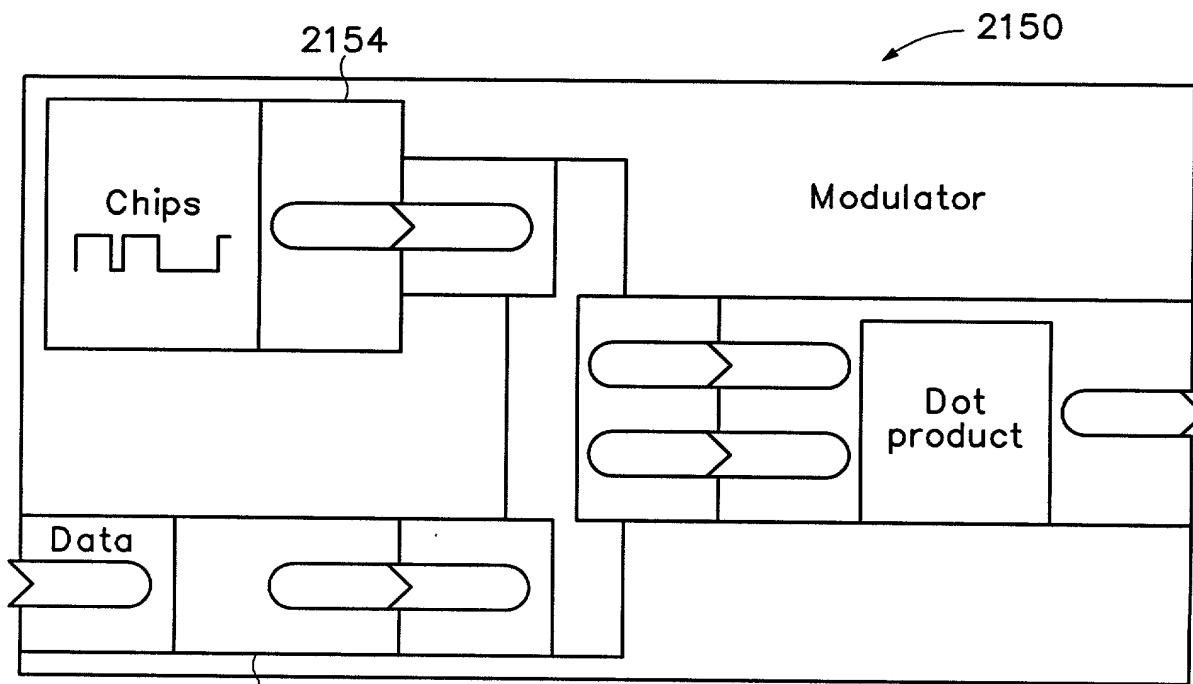


FIG.21B

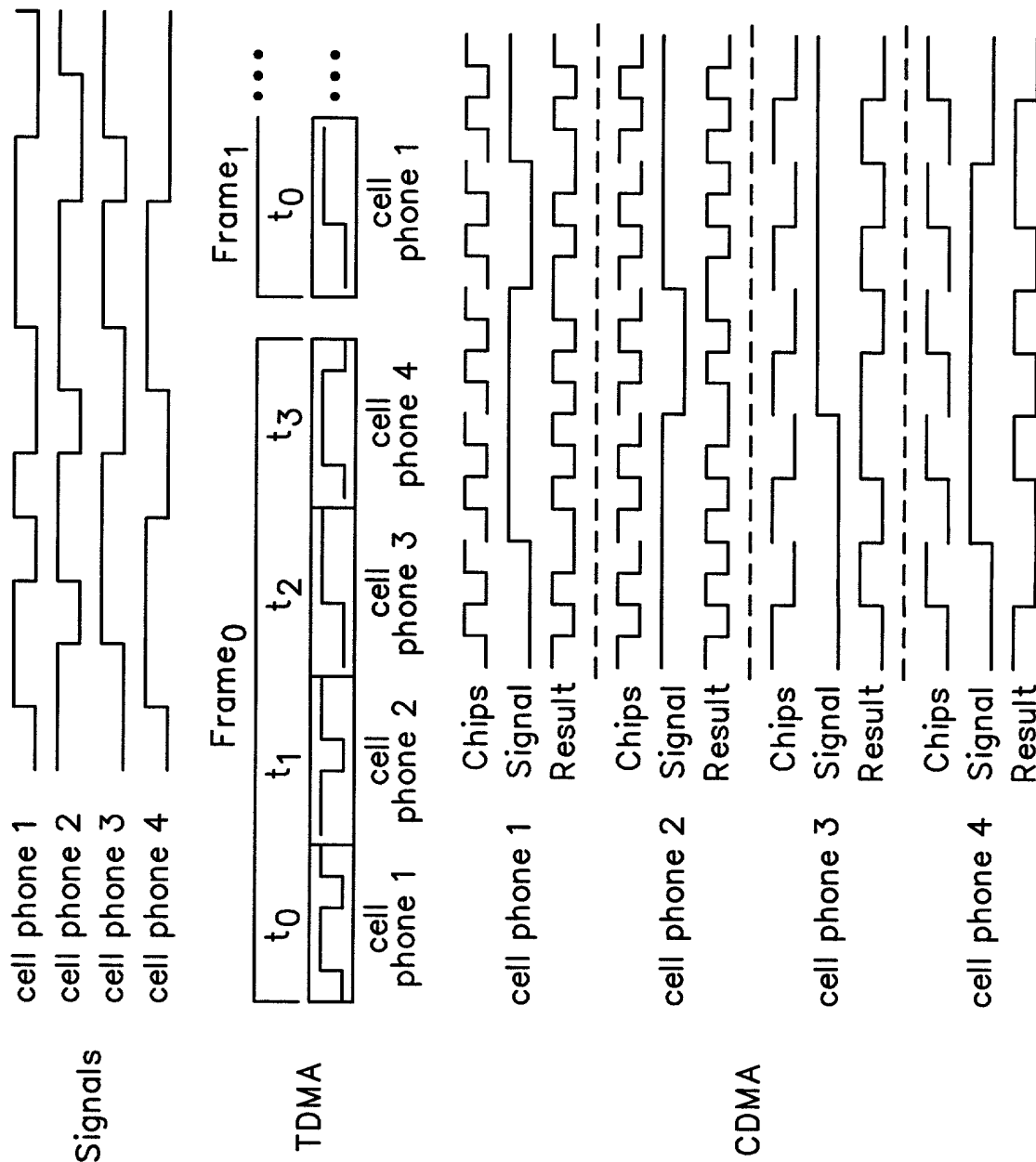


FIG.22

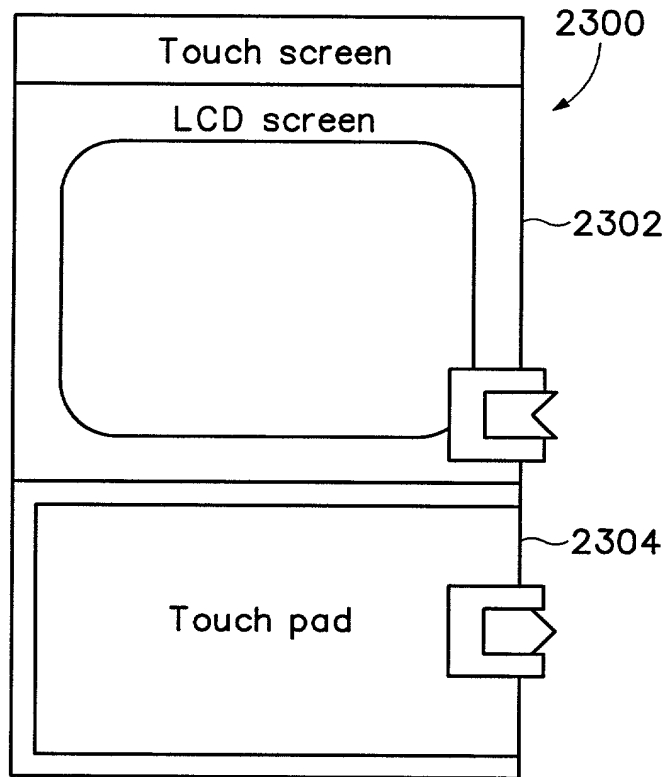


FIG. 23A

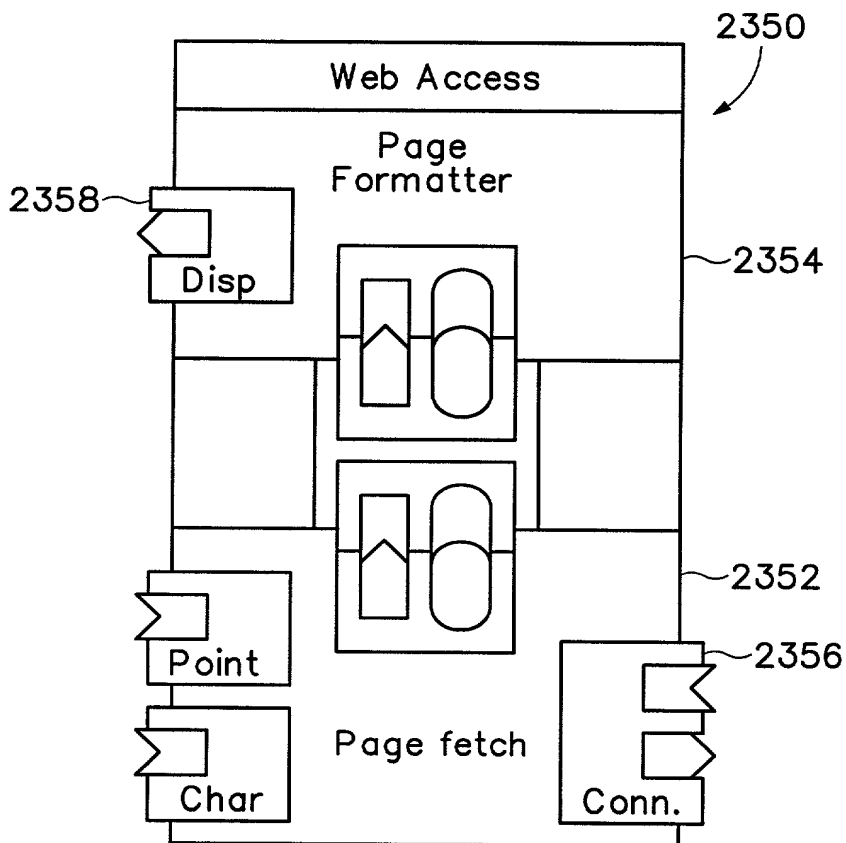


FIG. 23B

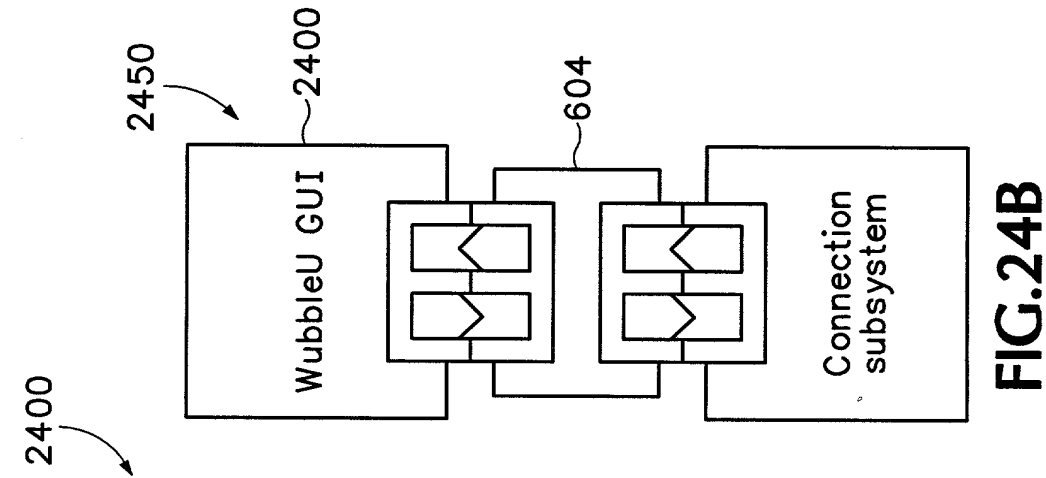


FIG. 24B

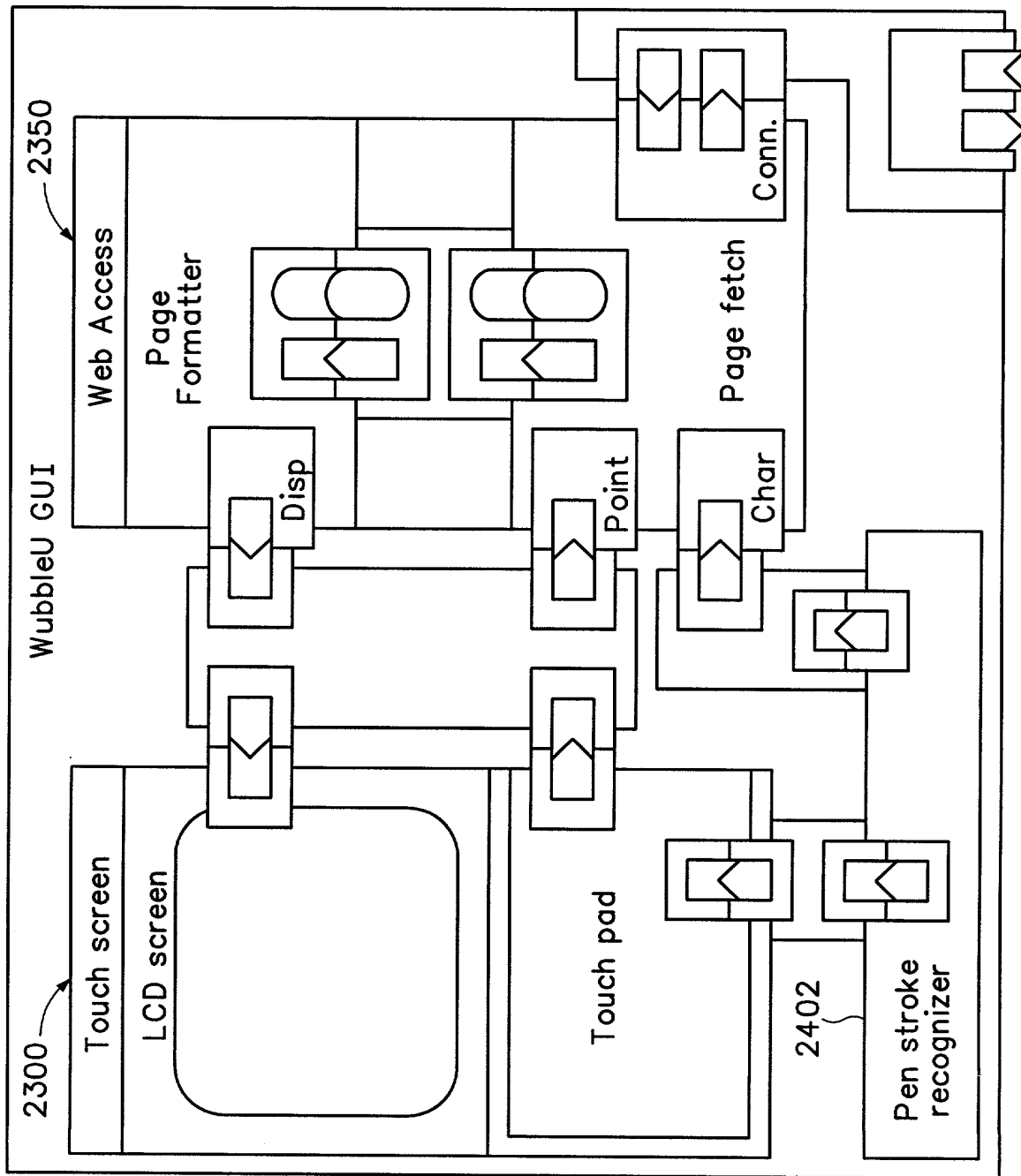


FIG. 24A

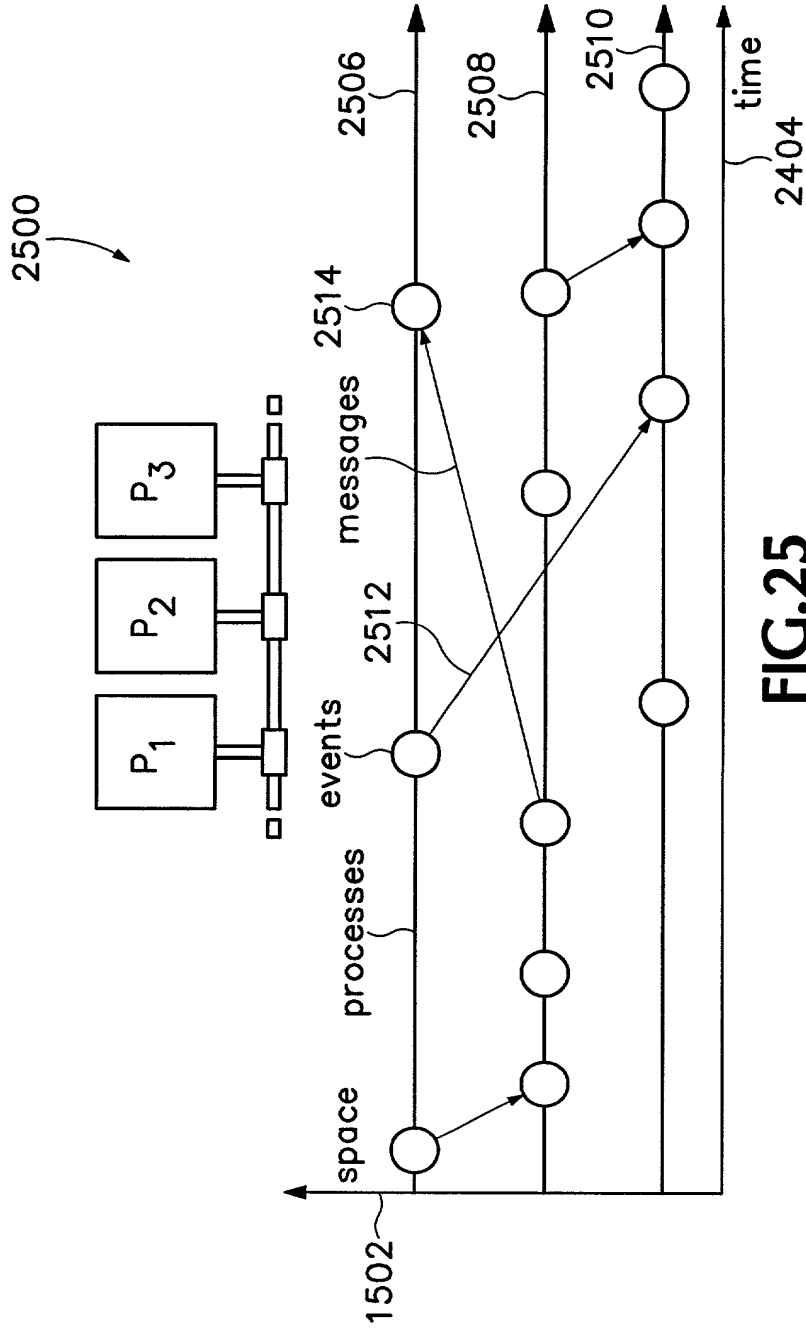
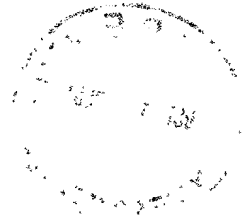
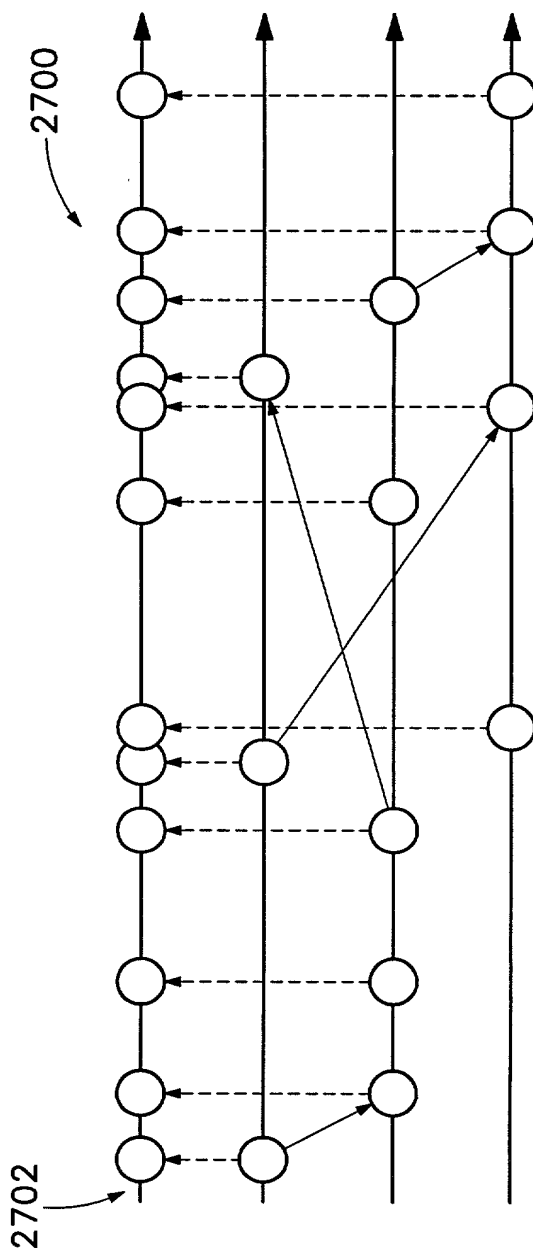
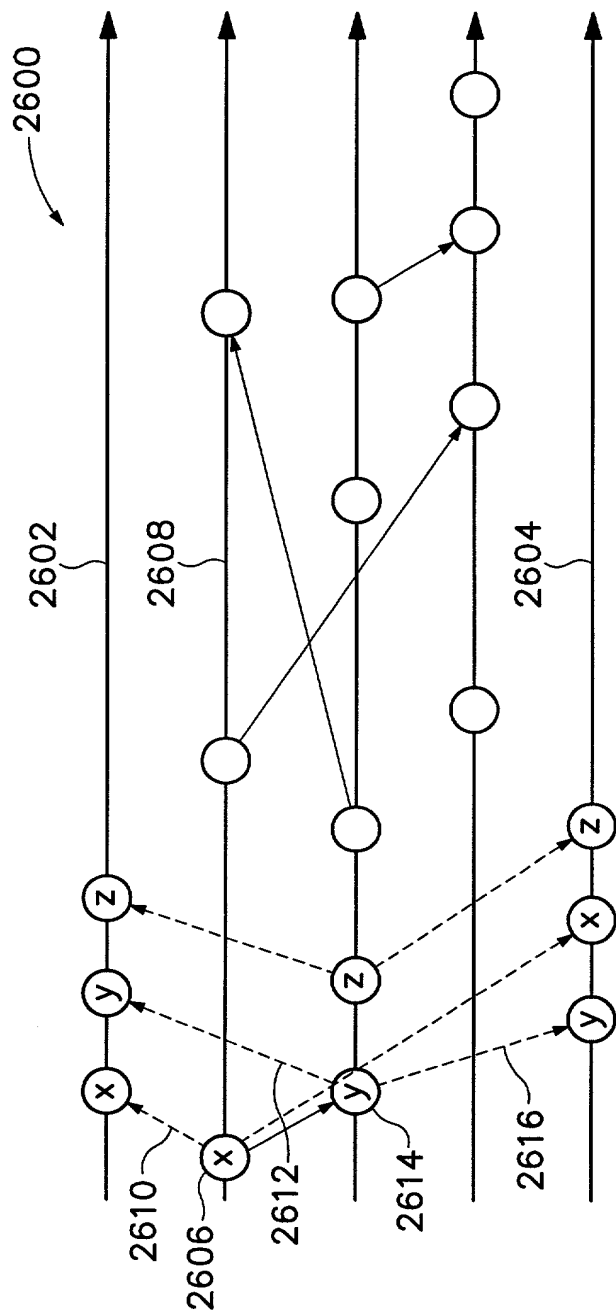


FIG.25
(PRIOR ART)





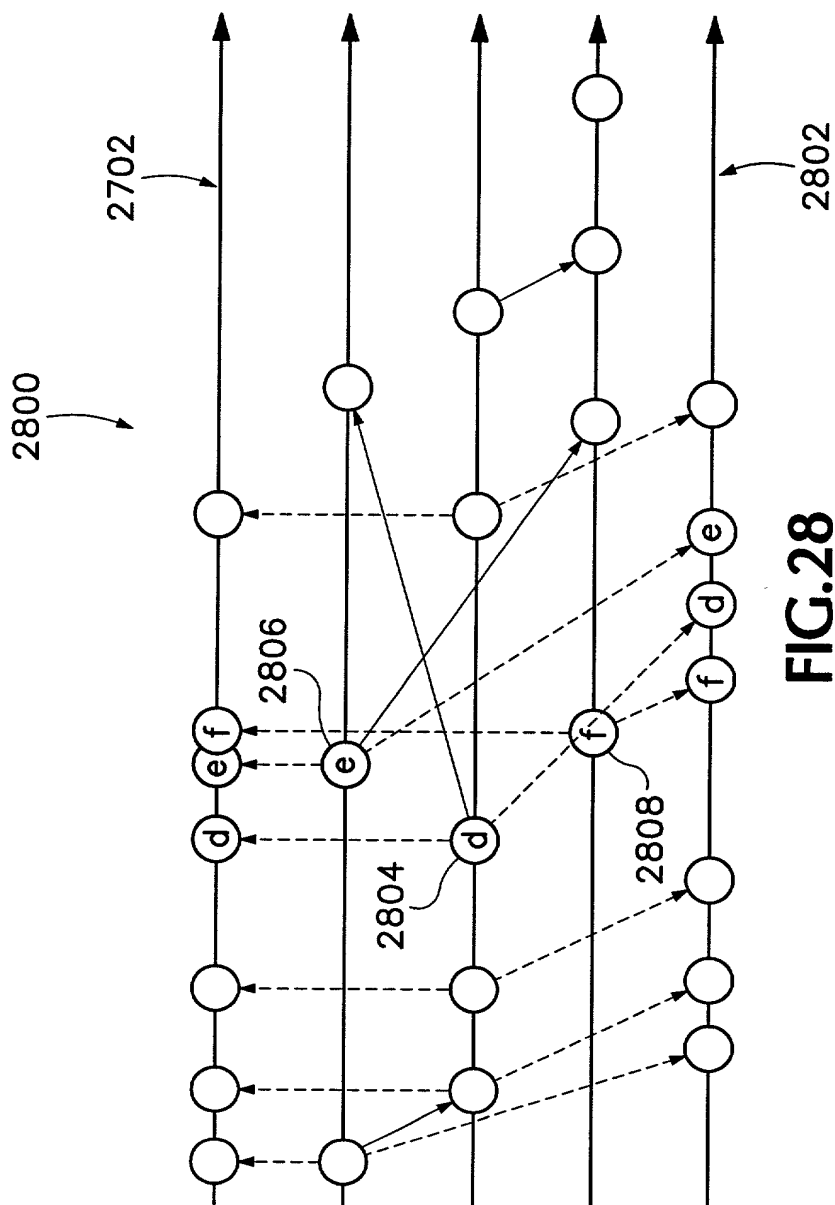


FIG. 28
(PRIOR ART)

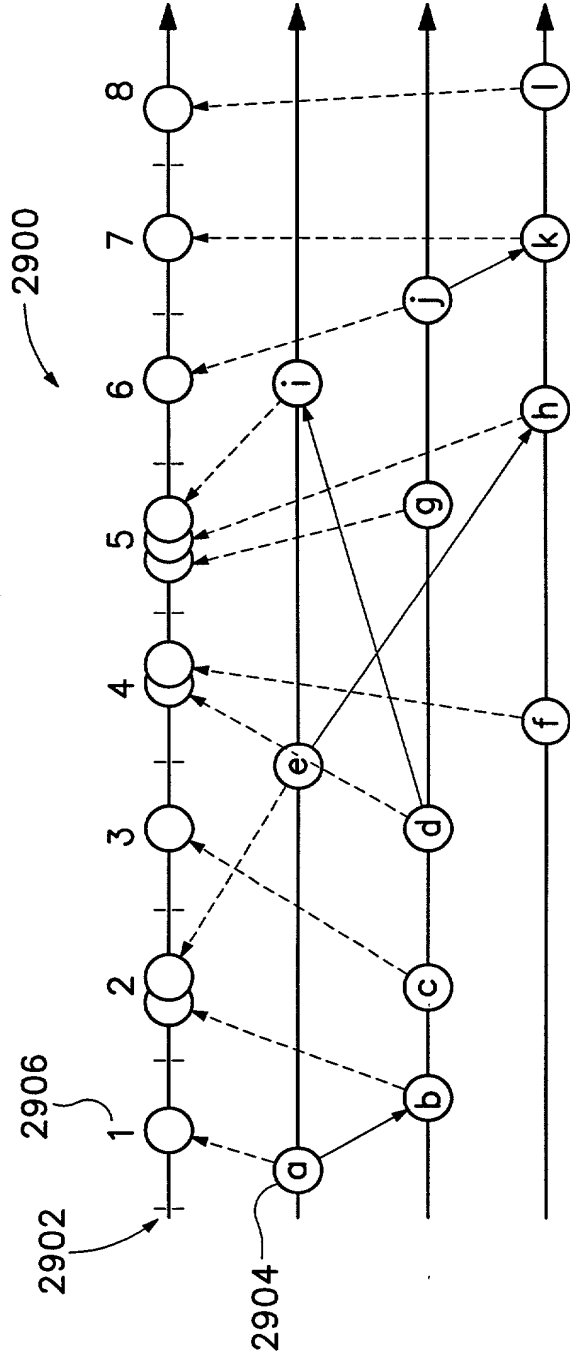


FIG. 29

(PRIOR ART)

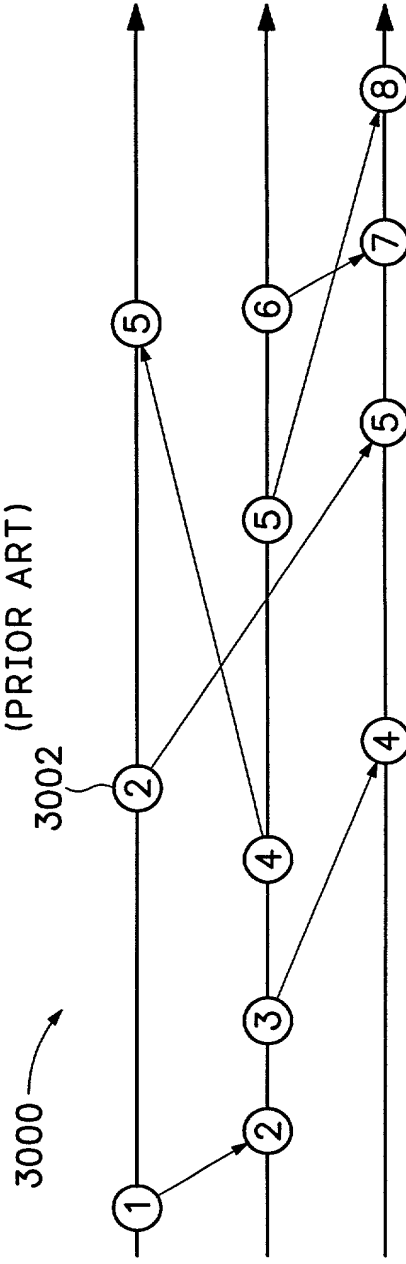
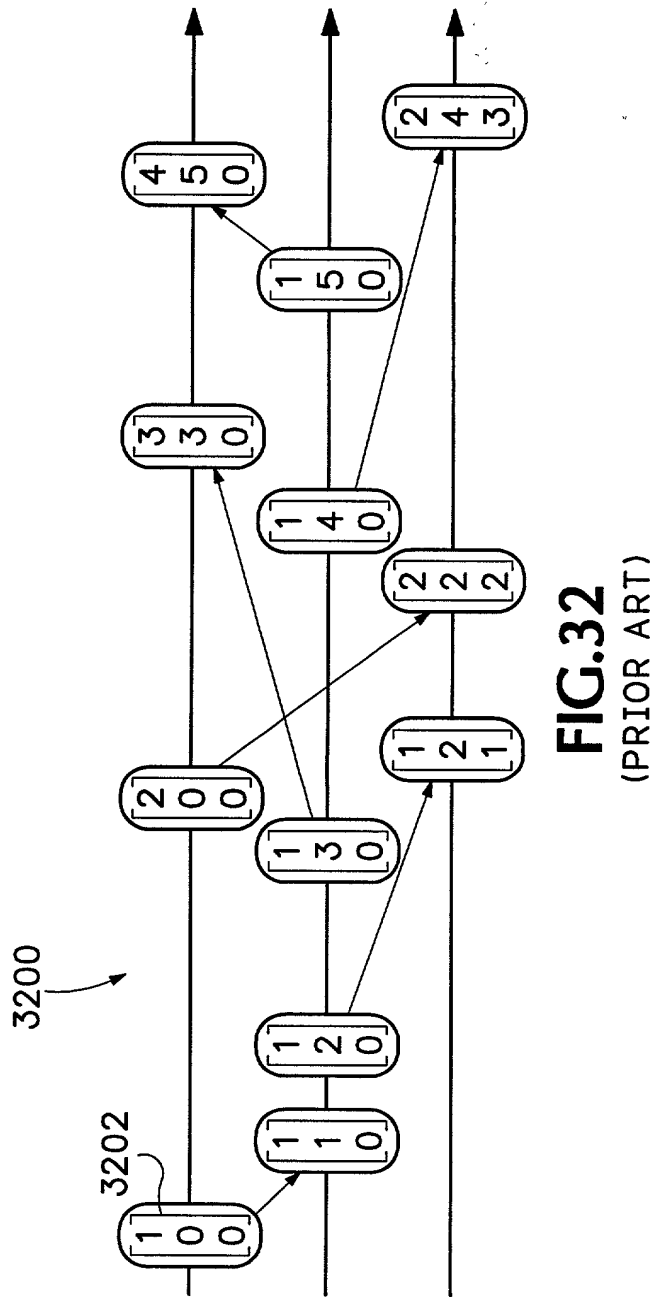
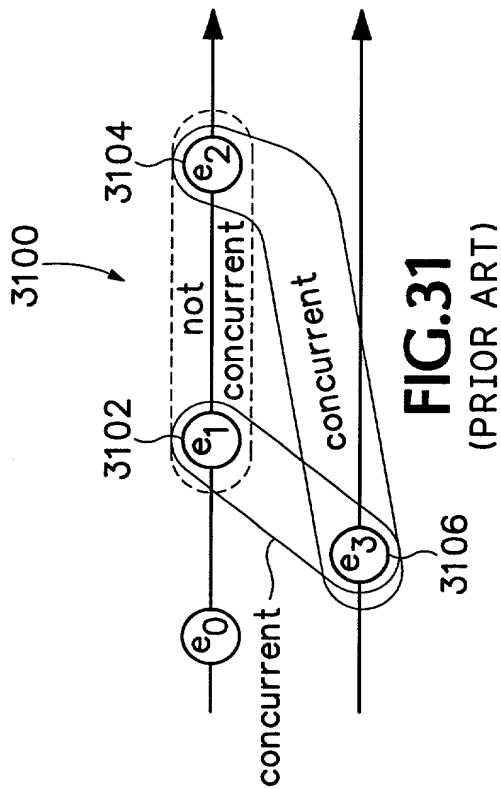


FIG. 30

(PRIOR ART)



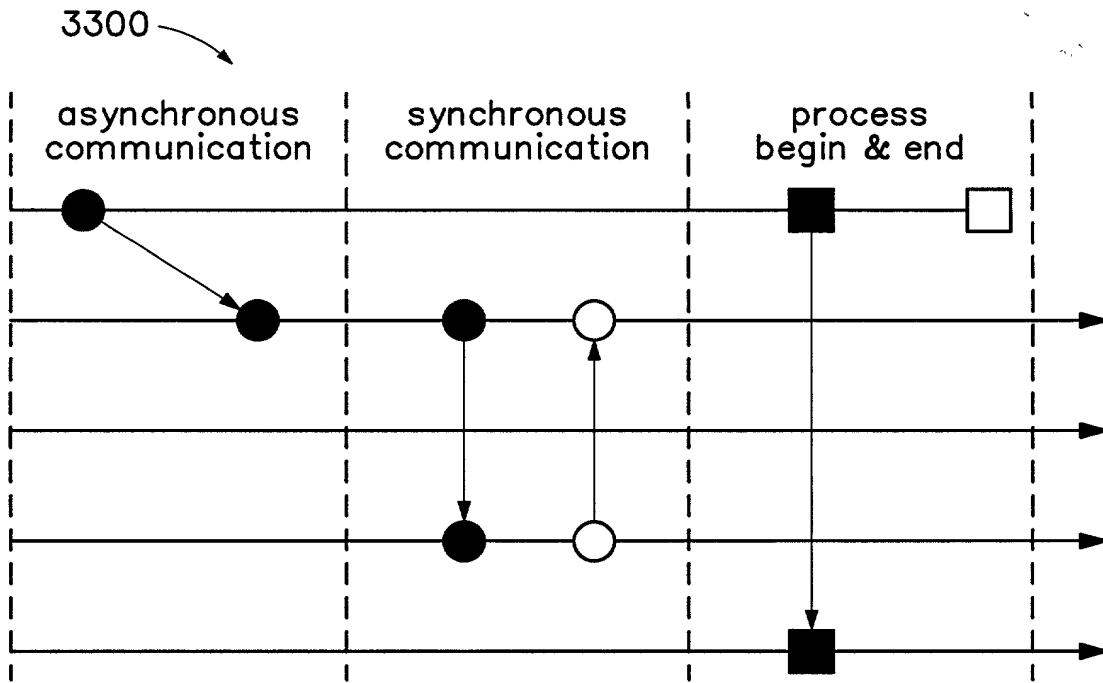


FIG.33
(PRIOR ART)

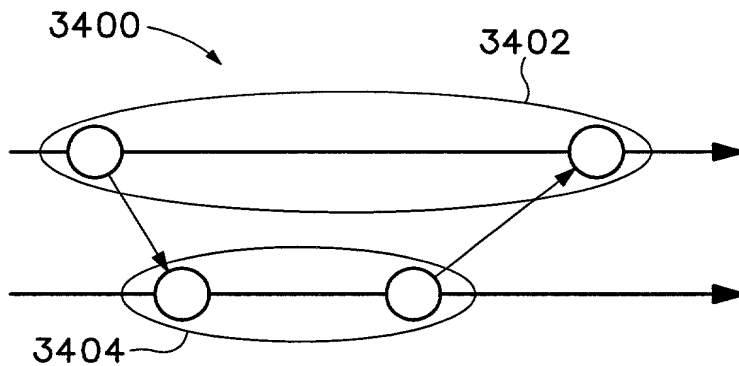


FIG.34
(PRIOR ART)

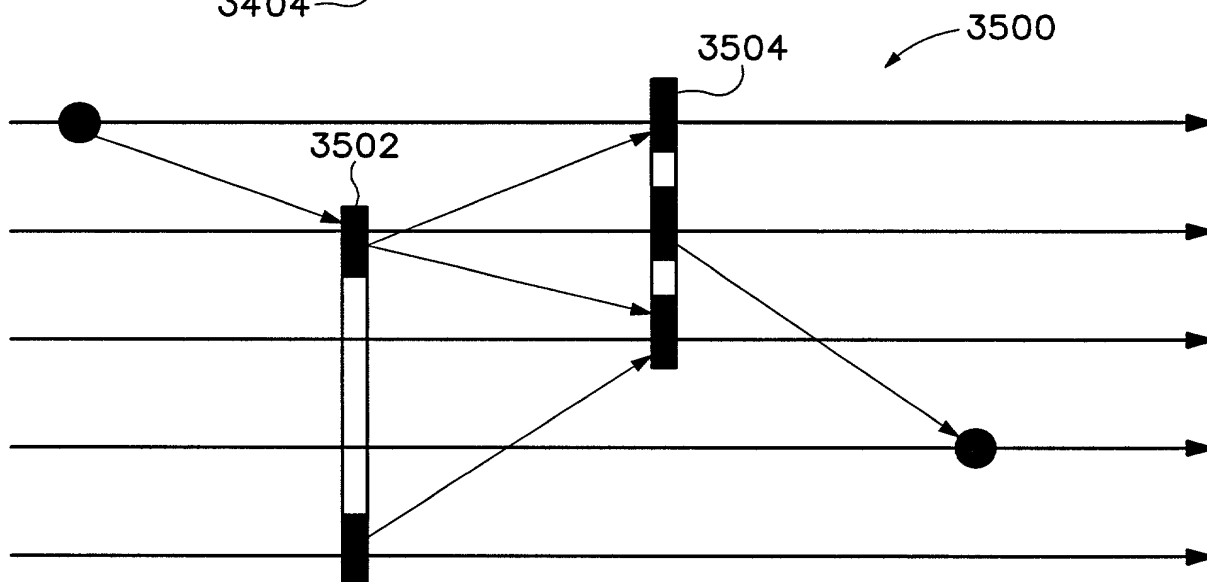
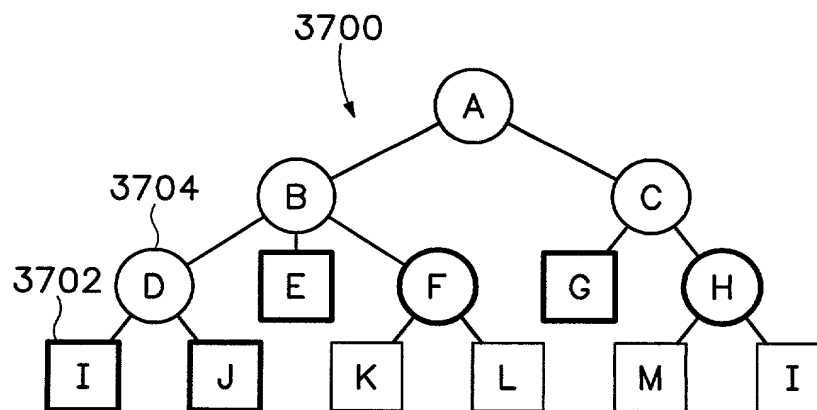
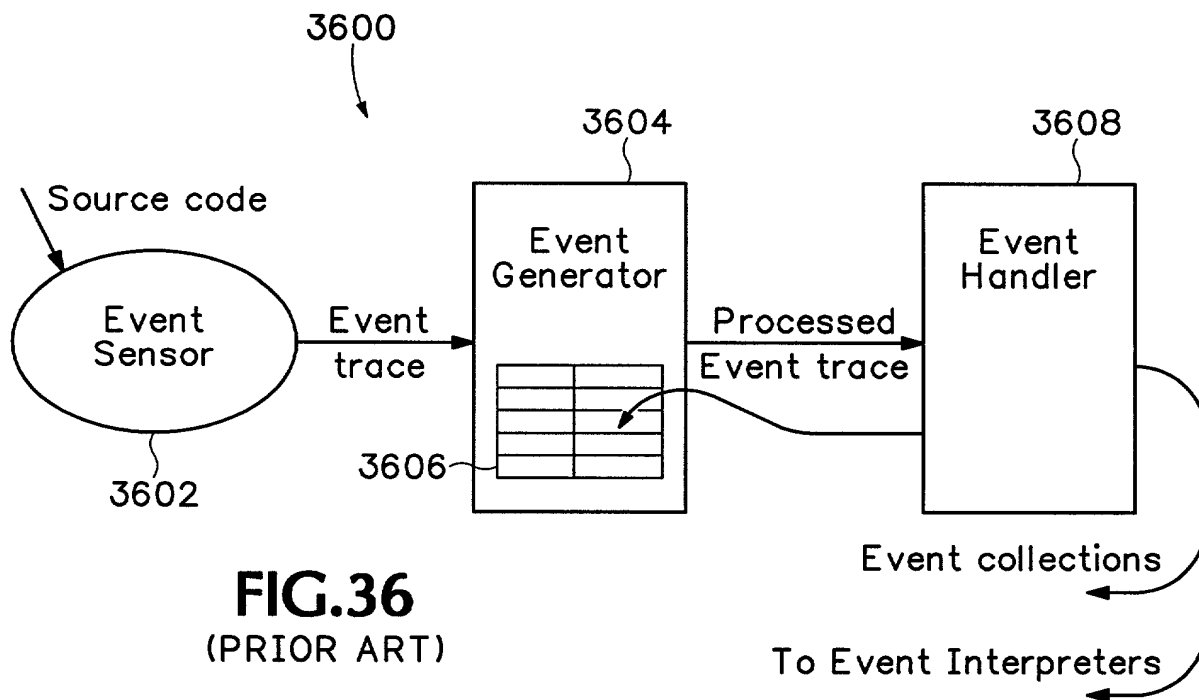
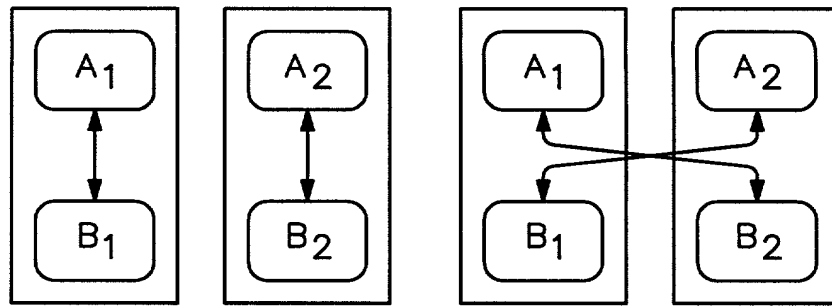


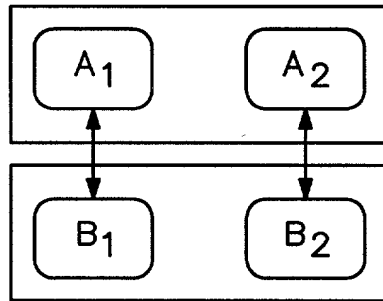
FIG.35
(PRIOR ART)





(a) Cohesion(P) = 1.0
Coupling(P) = 0.5

(b) Cohesion(P) = 0.0
Coupling(P) = 1.0



(c) Cohesion(P) = 1.0
Coupling(P) = 0.5

FIG.38
(PRIOR ART)

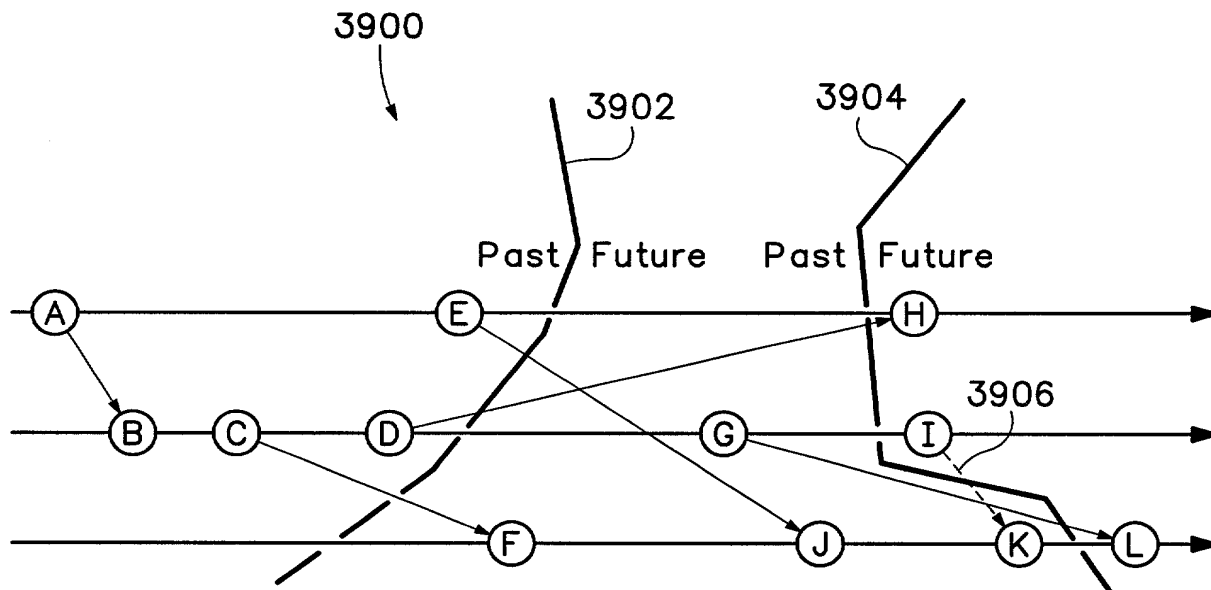


FIG.39
(PRIOR ART)

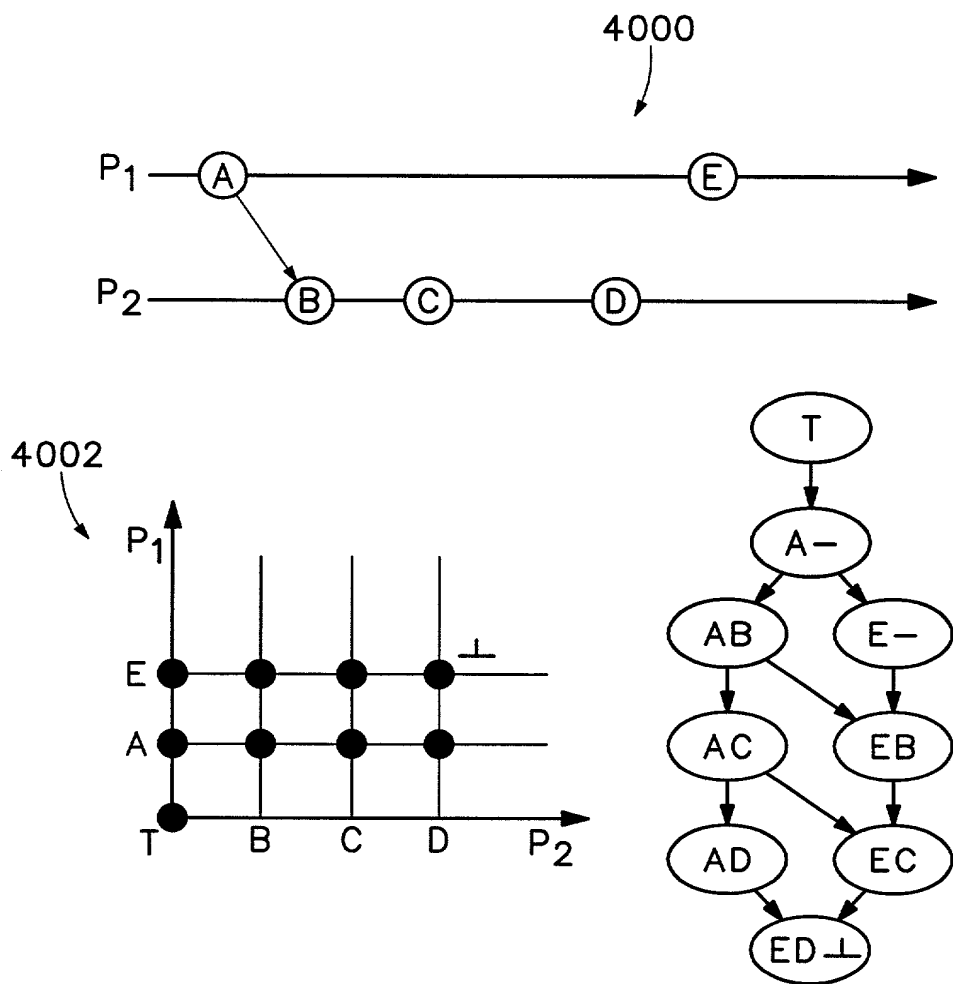


FIG.40
(PRIOR ART)

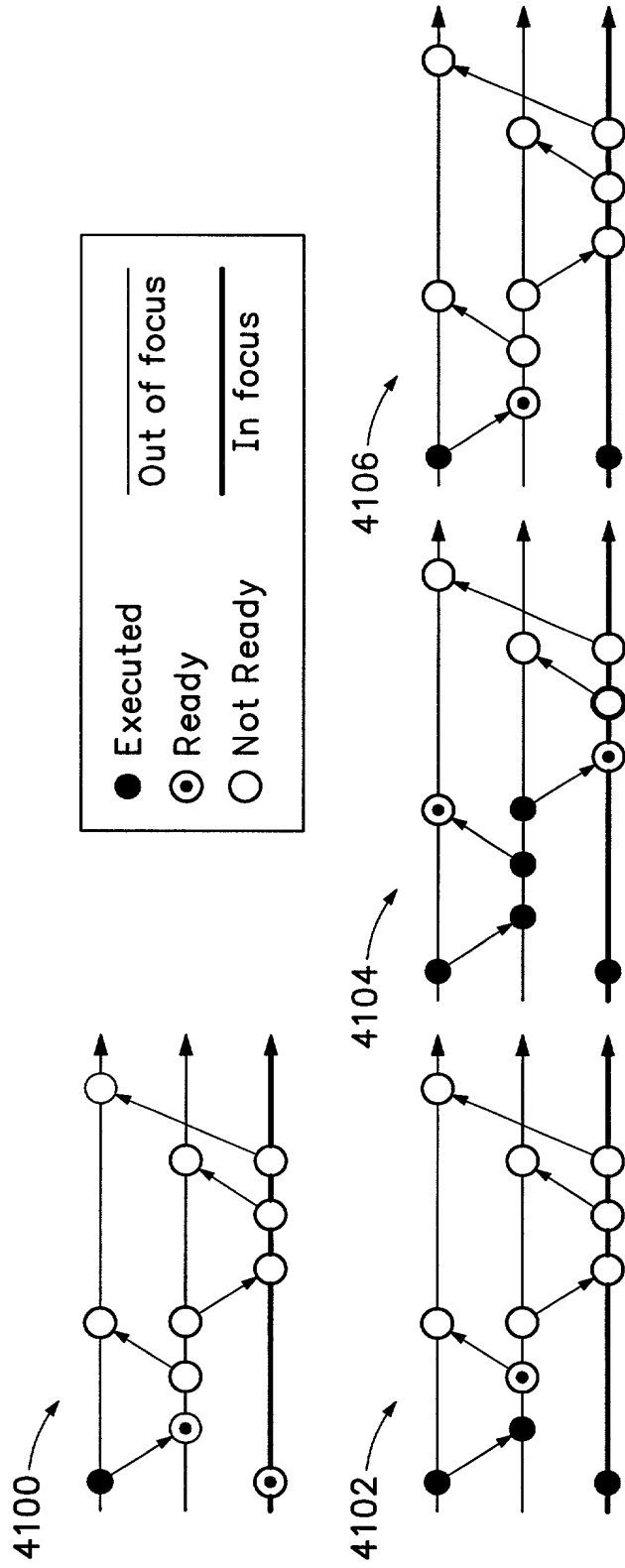


FIG. 41
(PRIOR ART)

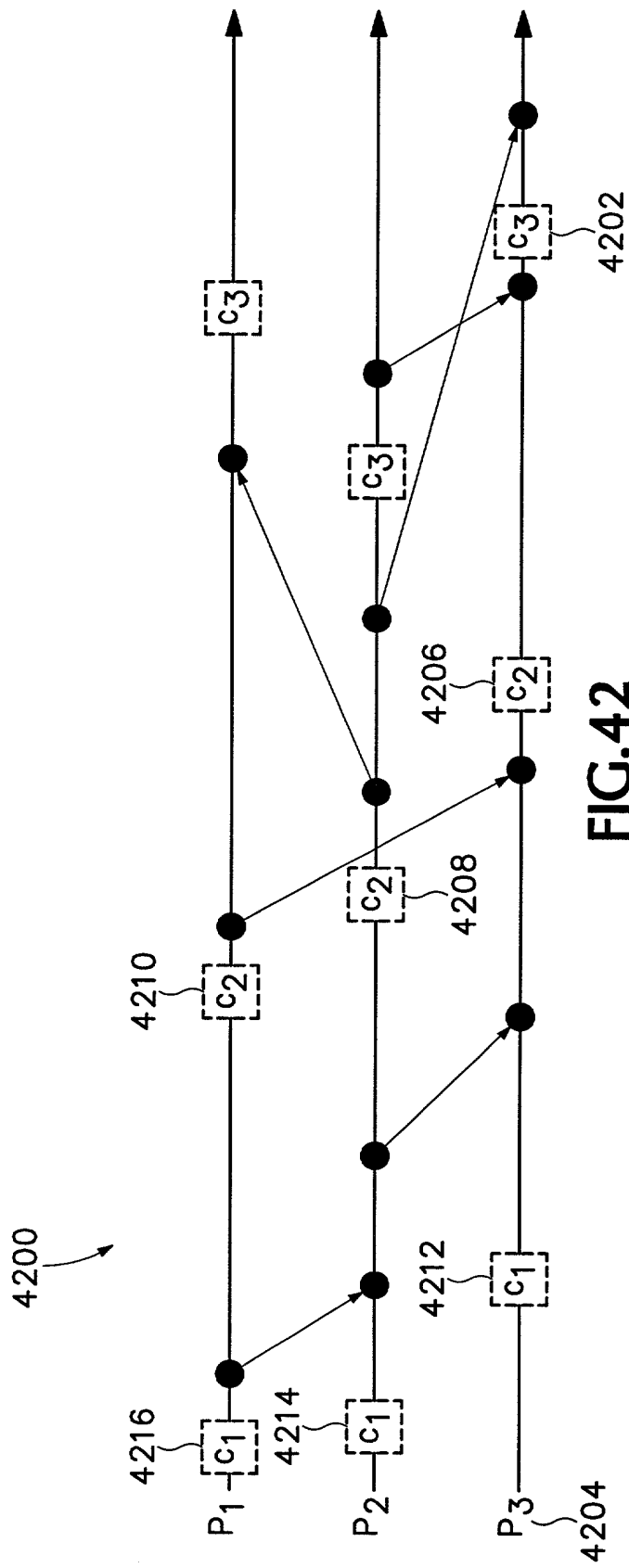


FIG.42
(PRIOR ART)

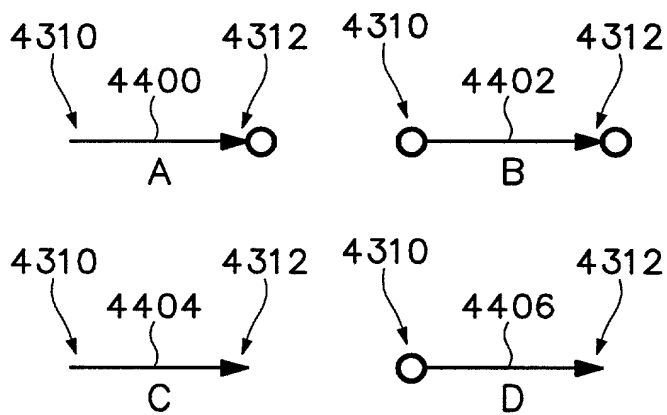
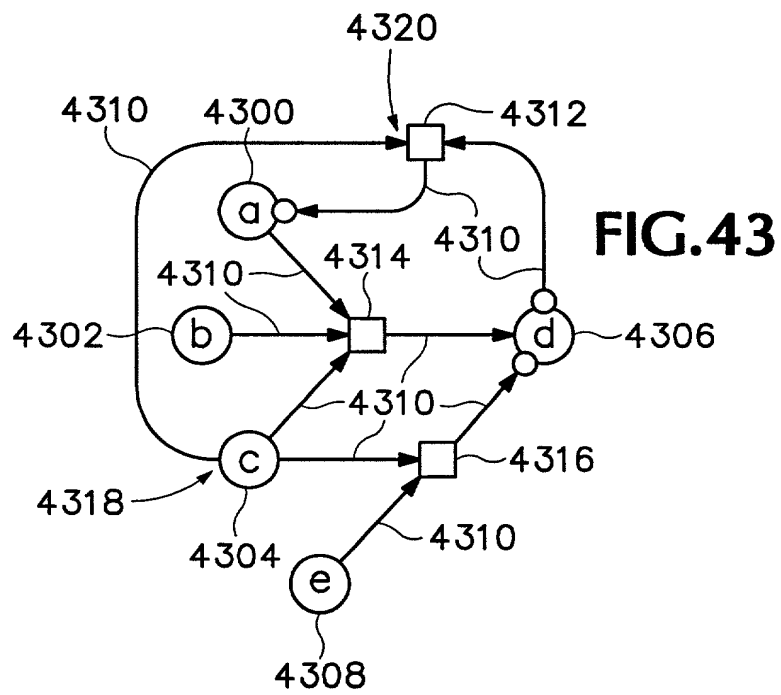


FIG. 44

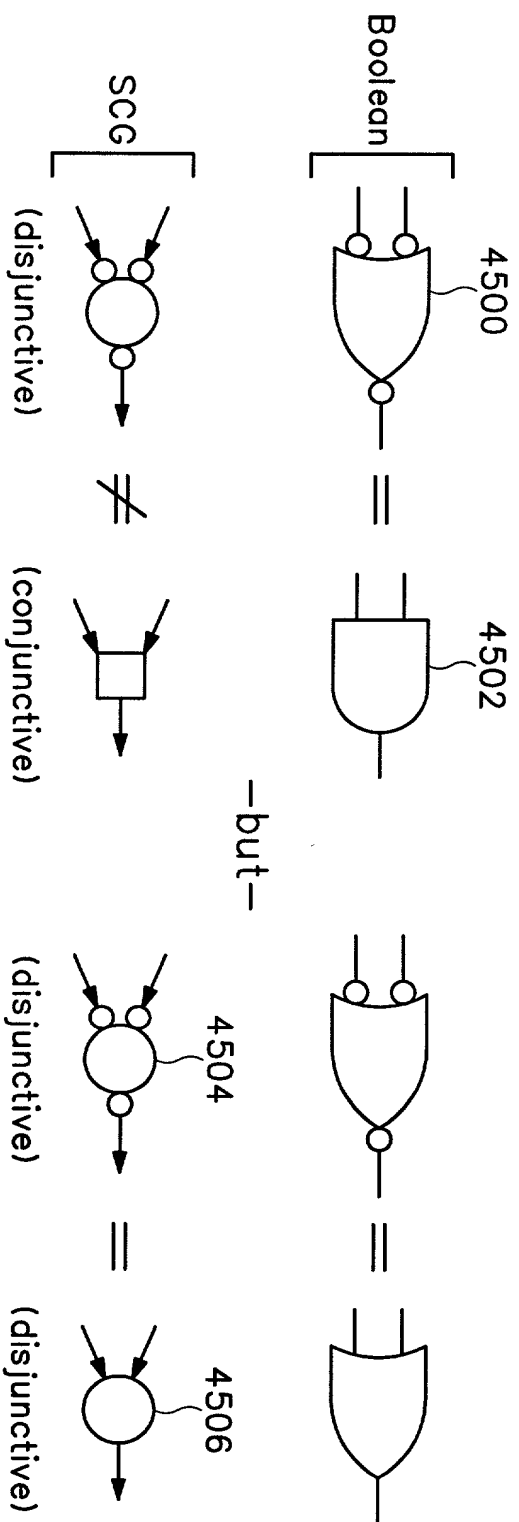
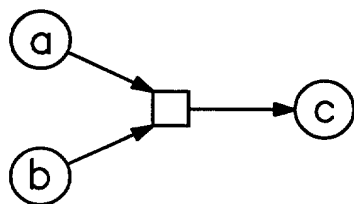
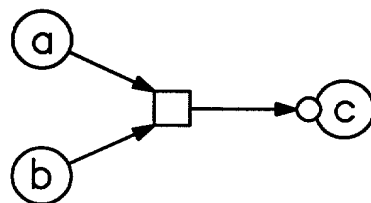


FIG.45



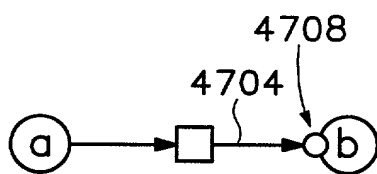
$$a \wedge b \Rightarrow c = (a \wedge b \wedge \neg c)$$

FIG. 46A



$$a \wedge b \Rightarrow \neg c = \neg(a \wedge b \wedge c)$$

FIG. 46B



$$a \Rightarrow \neg b = (a \wedge b)$$

FIG. 47A

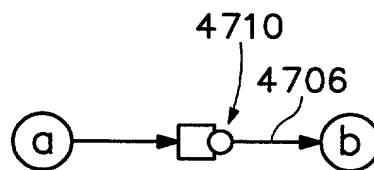
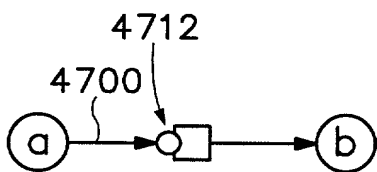


FIG. 47B



$$\neg a \Rightarrow b = a \vee b$$

FIG. 47C

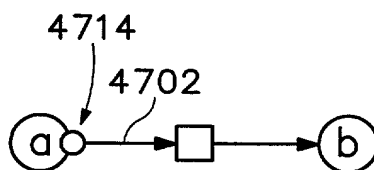


FIG. 47D

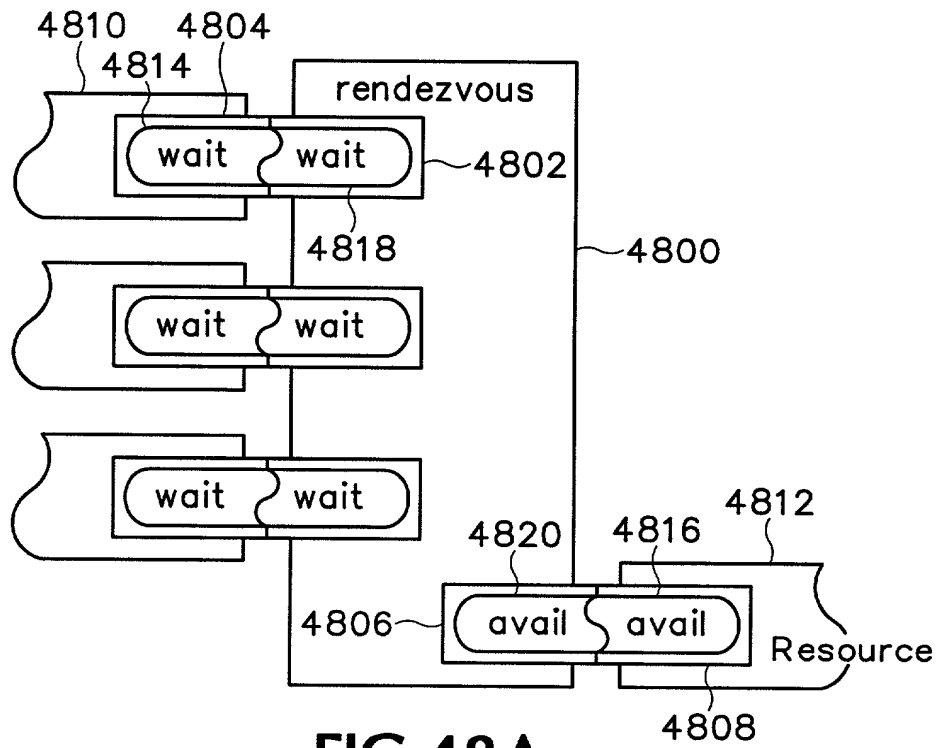


FIG. 48A

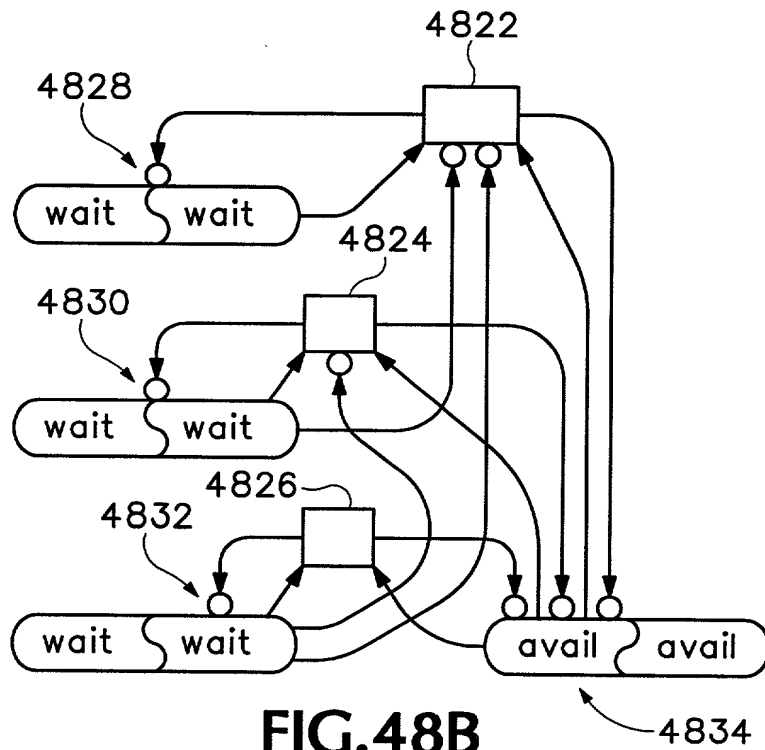


FIG. 48B

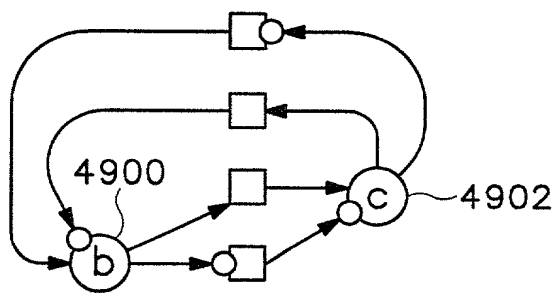


FIG.49

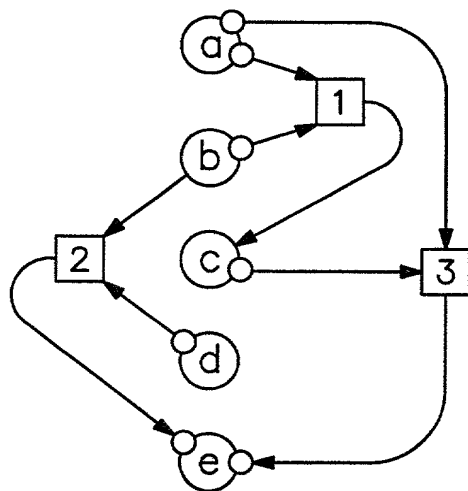


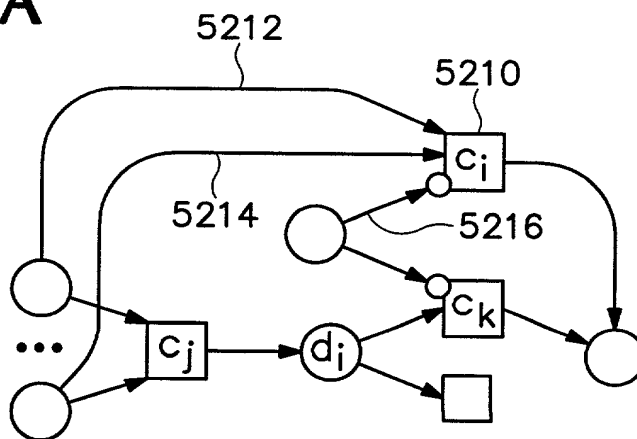
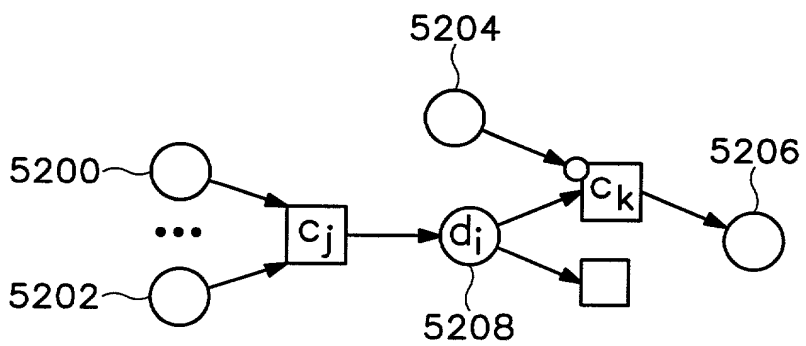
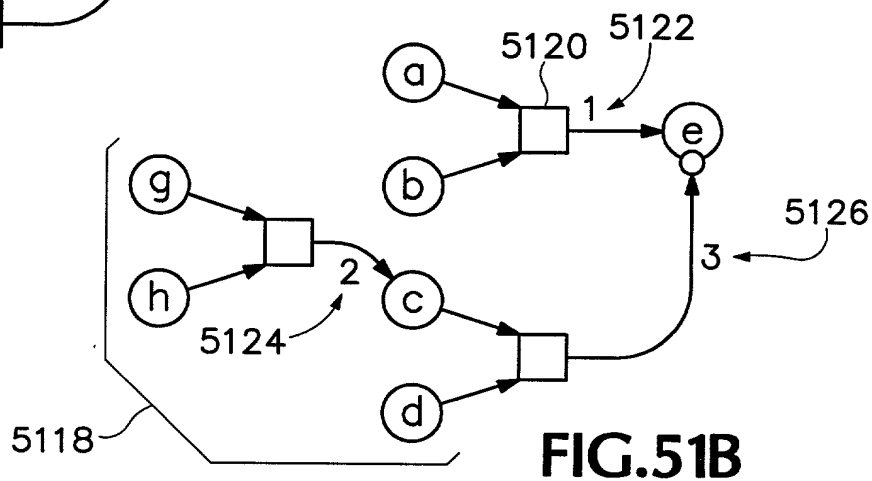
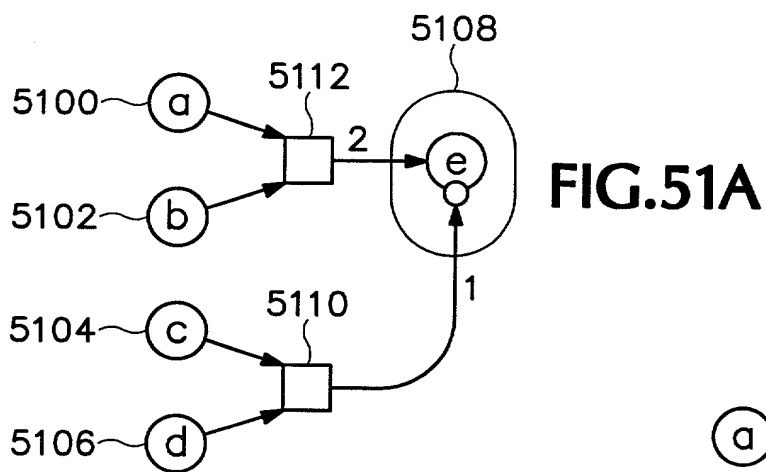
FIG.50A

$$\underbrace{(a \vee b \vee c)}_1 \wedge \underbrace{(\neg b \vee d \vee \neg e)}_2 \wedge \underbrace{(a \vee c \vee \neg e)}_3$$

FIG.50B

$$\underbrace{(\neg a \wedge \neg b \Rightarrow c)}_1 \wedge \underbrace{(b \wedge \neg d \Rightarrow \neg e)}_2 \wedge \underbrace{(\neg a \wedge \neg c \Rightarrow \neg e)}_3$$

FIG.50C



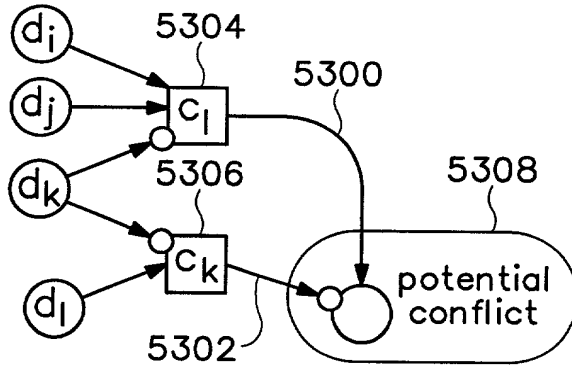
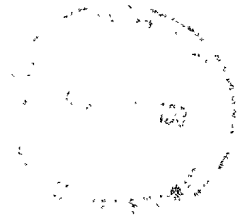


FIG. 53

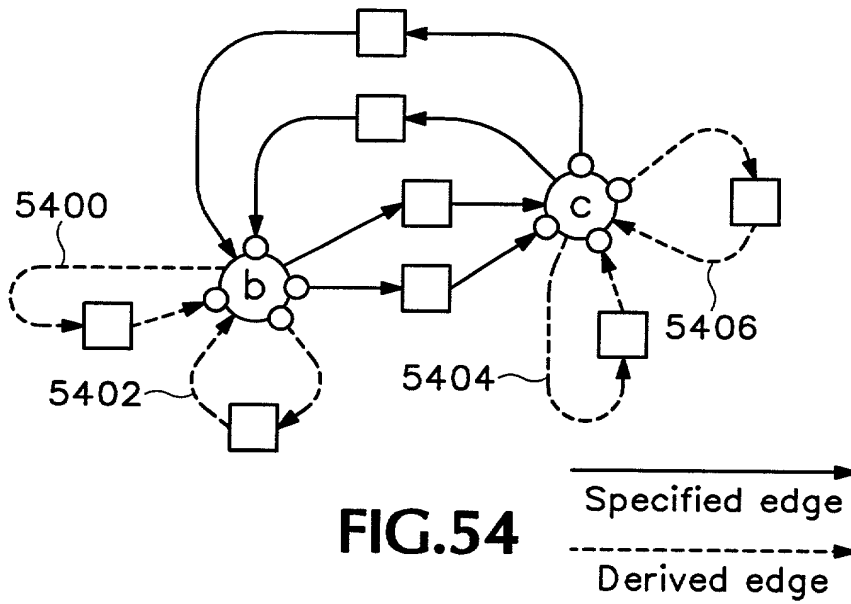


FIG. 54

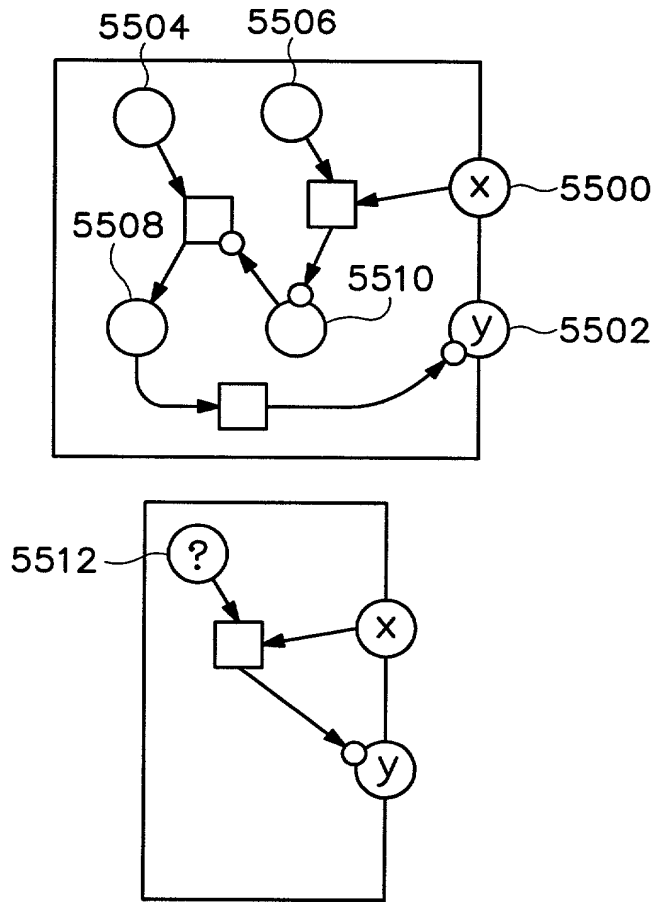


FIG.55

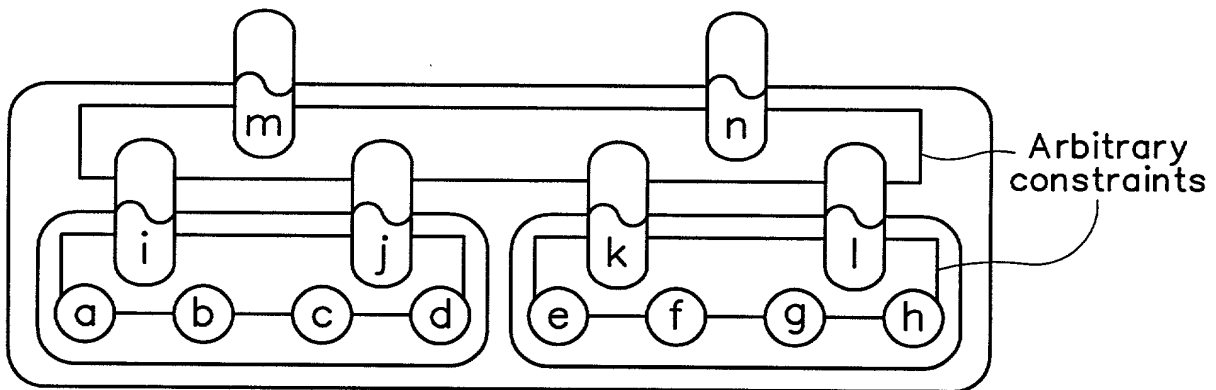


FIG.56

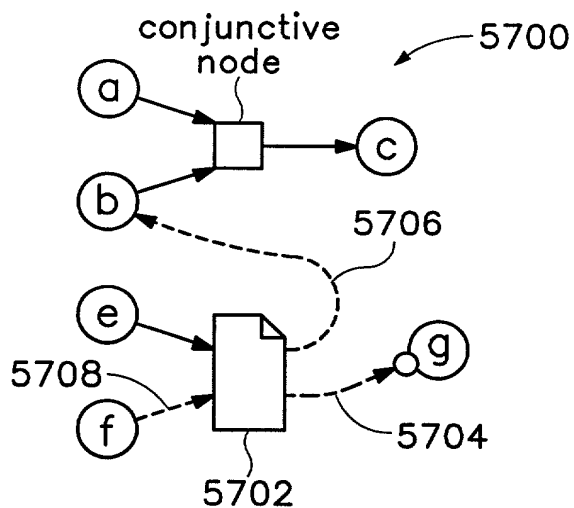


FIG. 57

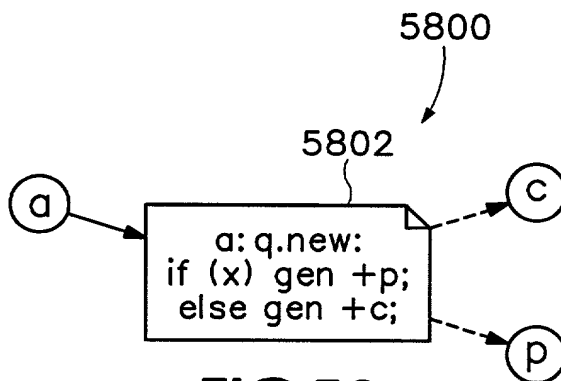


FIG. 58

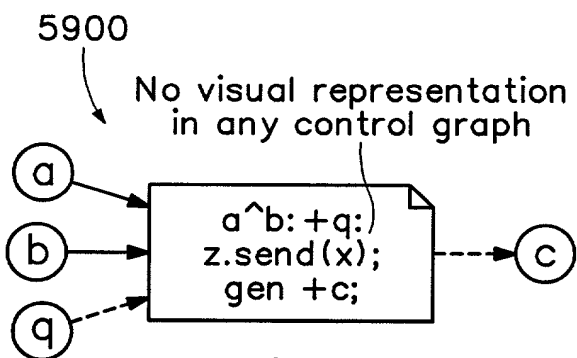


FIG. 59

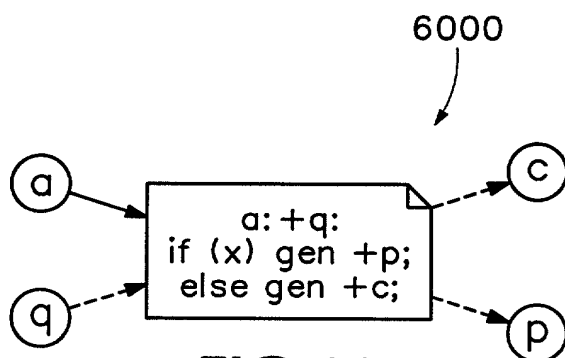


FIG. 60

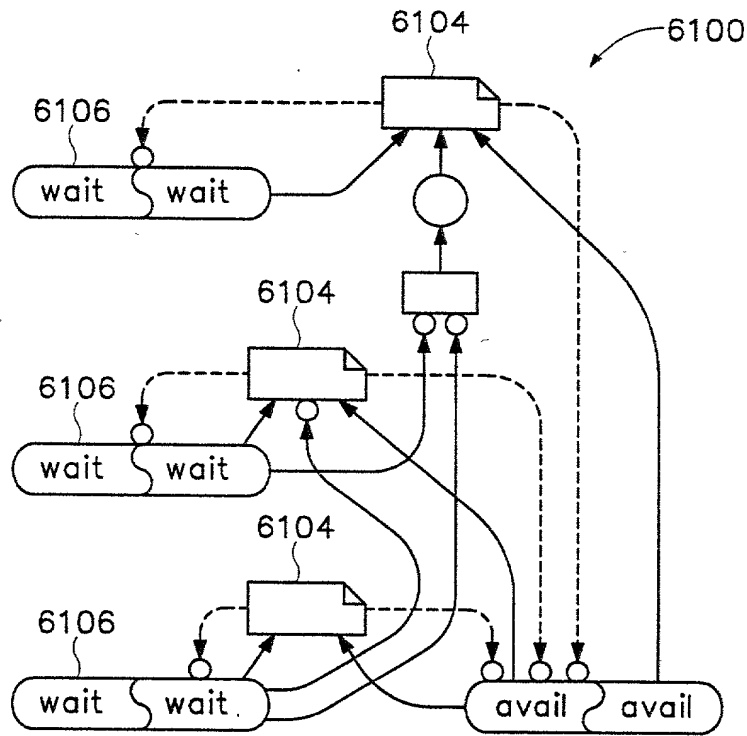


FIG. 61A

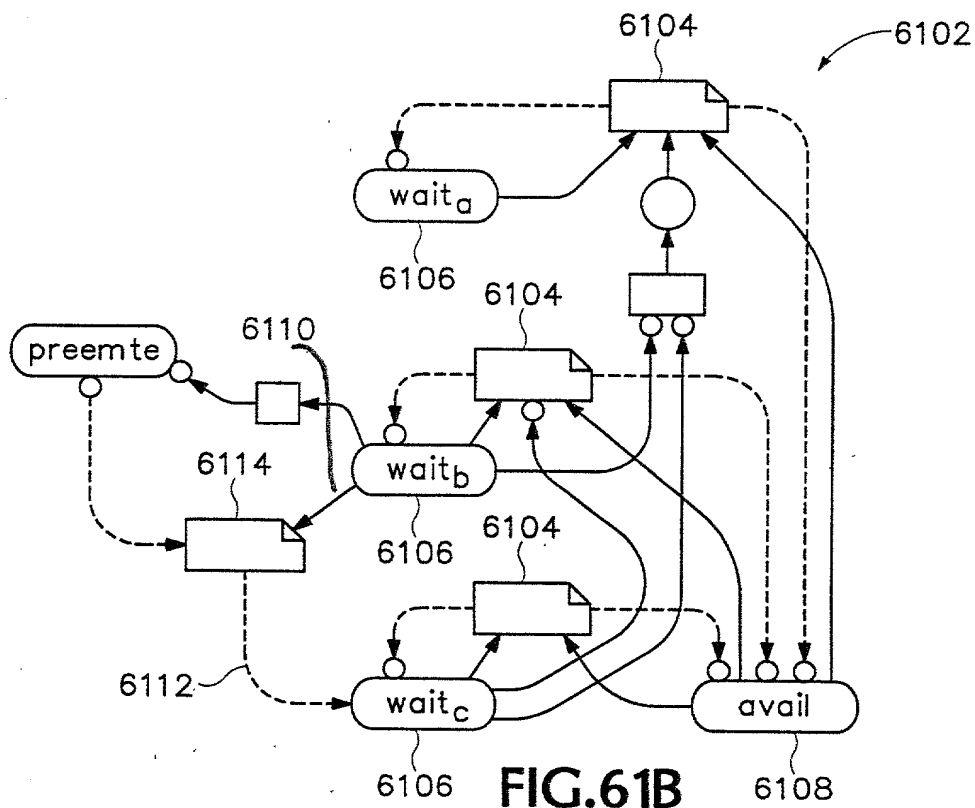


FIG. 61B

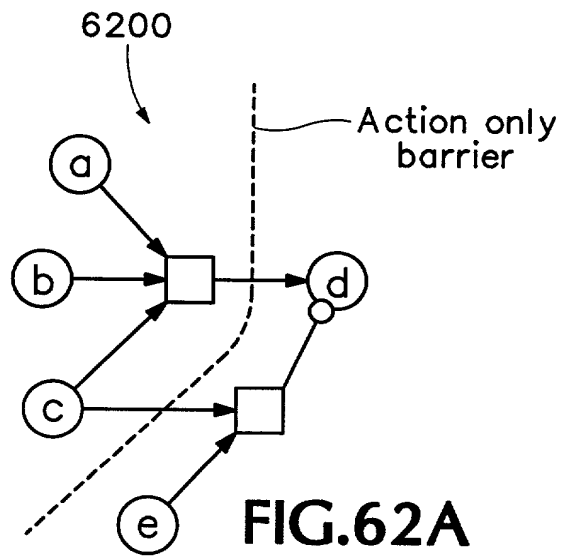


FIG.62A

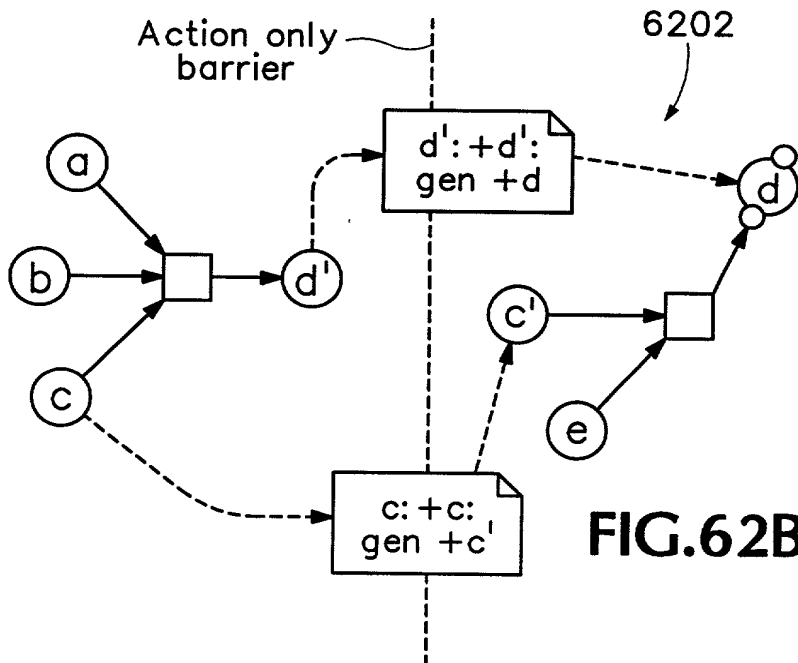


FIG.62B

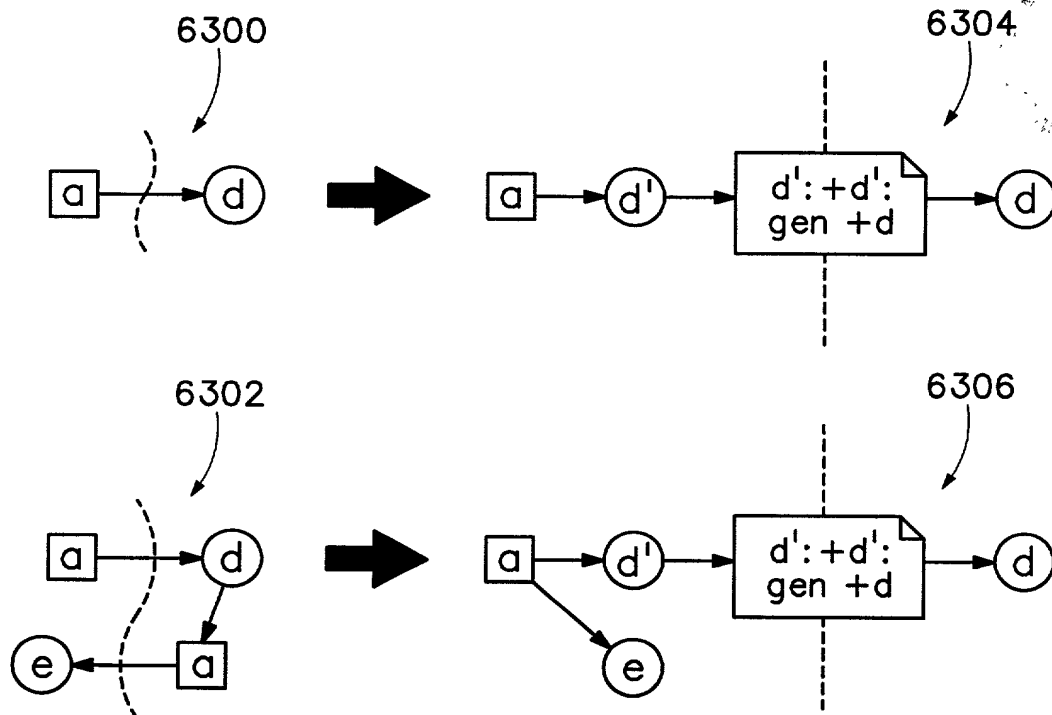


FIG.63

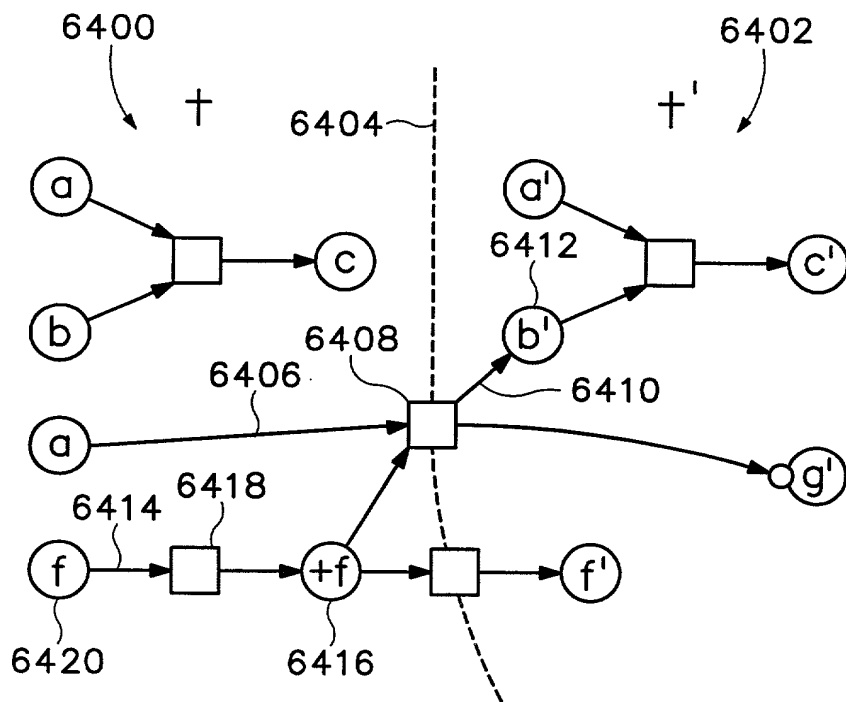
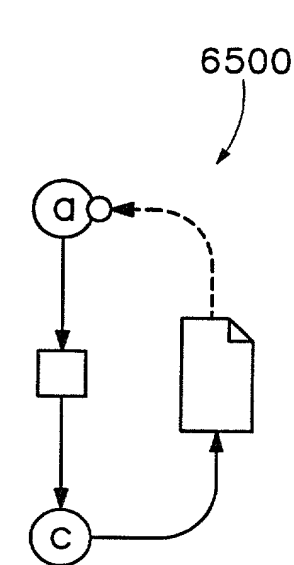
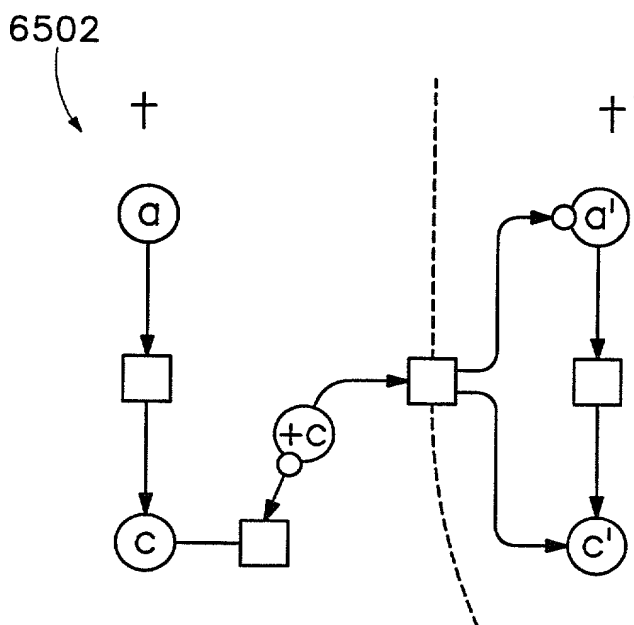


FIG.64



Original DCG
FIG.65A



Unrolled
FIG. 65B

6602

$$f = a \wedge b$$

6600

a	b	f
0	0	0
0	1	0
1	0	0
1	1	1

FIG.66A

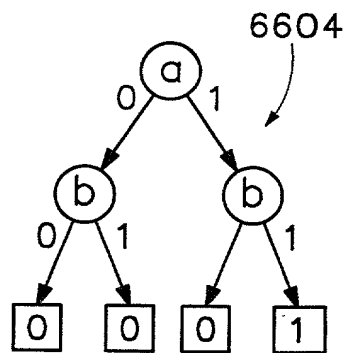


FIG.66B

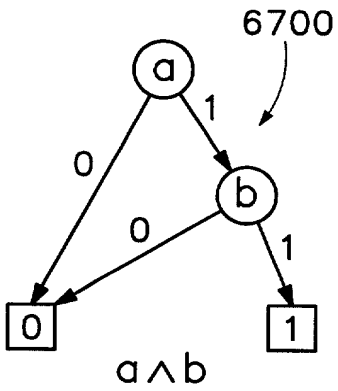


FIG. 67A

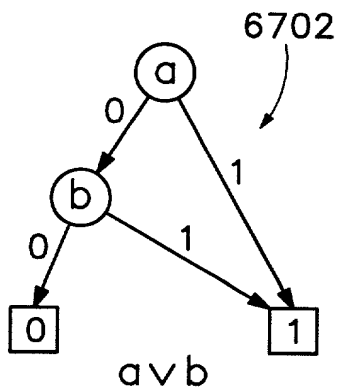


FIG. 67B

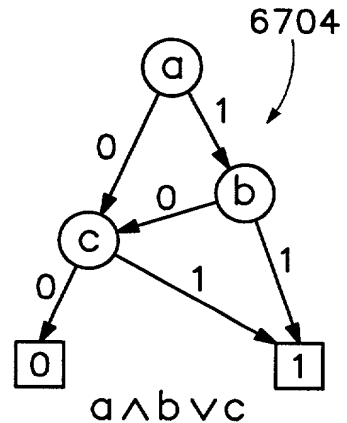


FIG. 67C

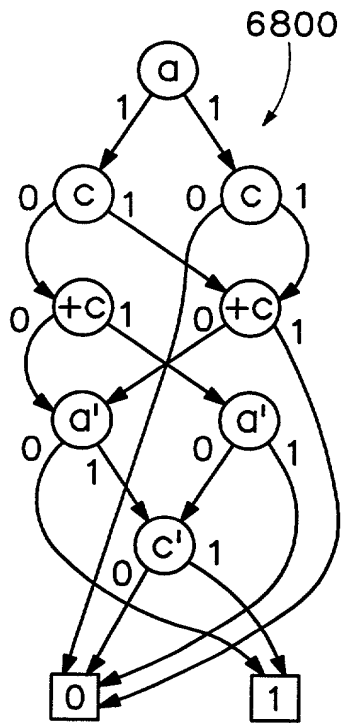


FIG. 68

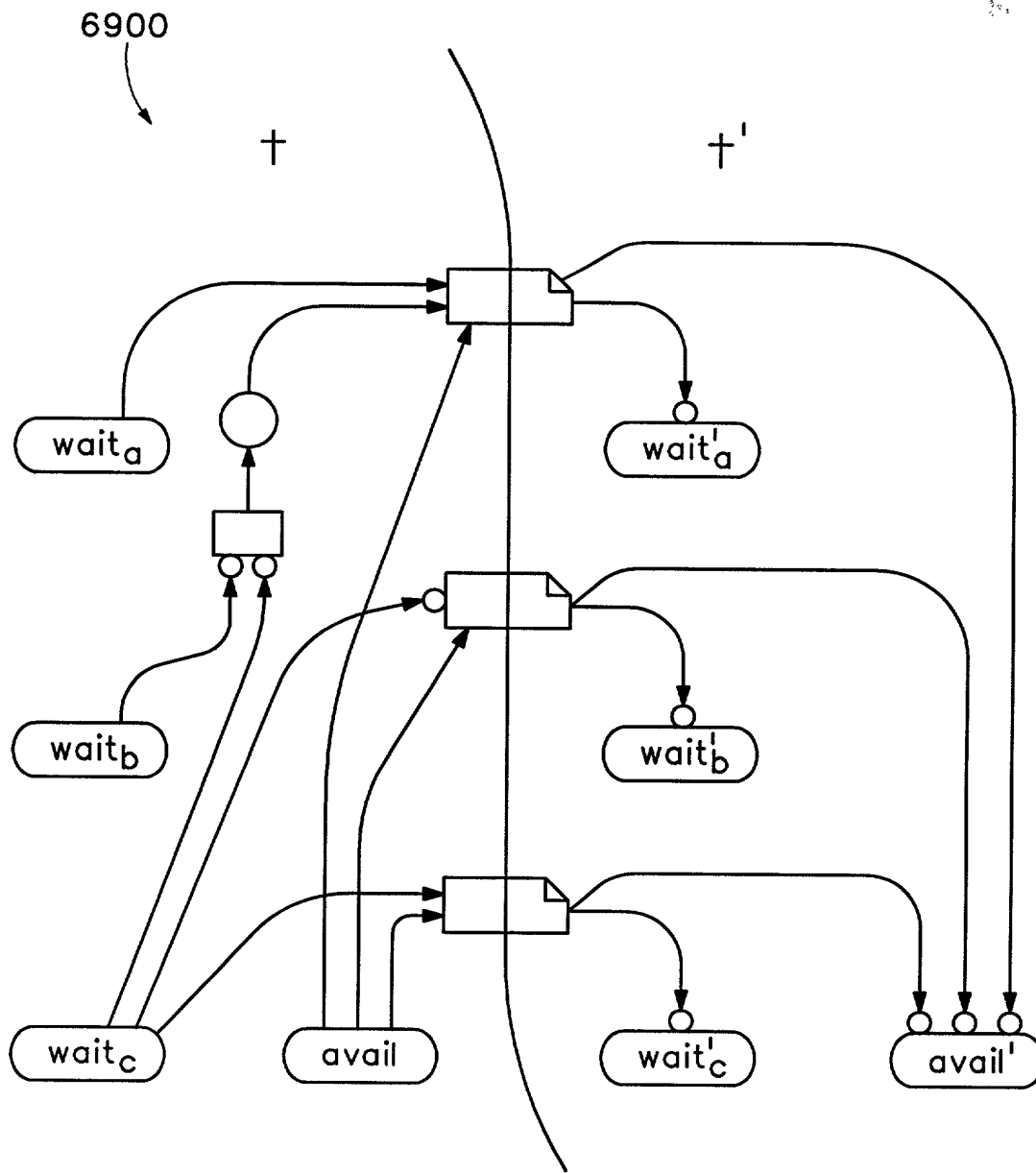


FIG.69A

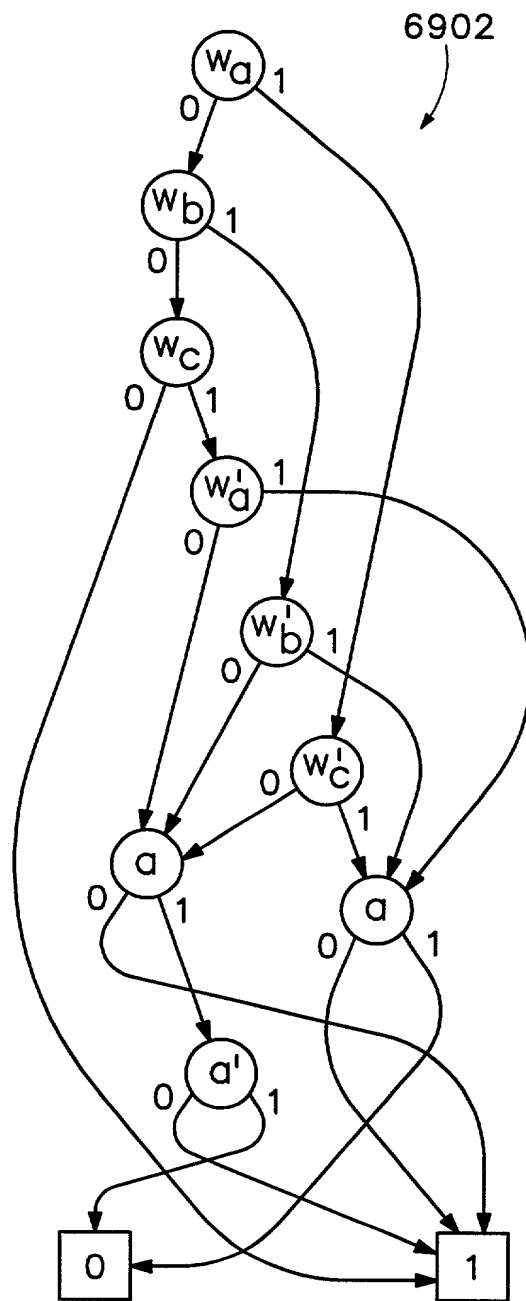


FIG.69B

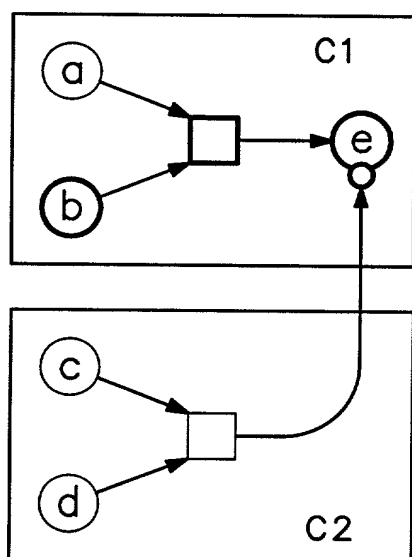


FIG. 70A

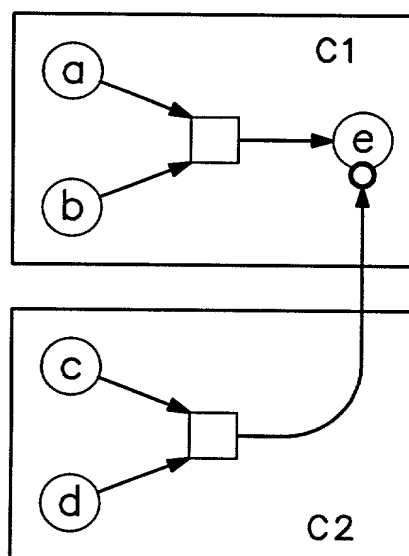


FIG. 70B

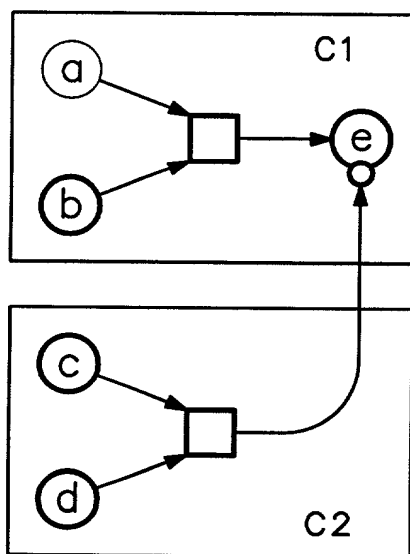


FIG. 70C

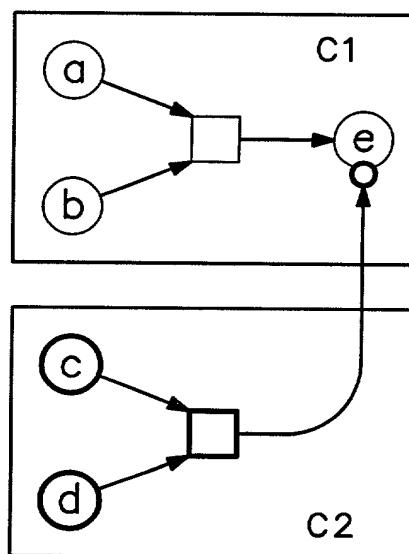


FIG. 70D

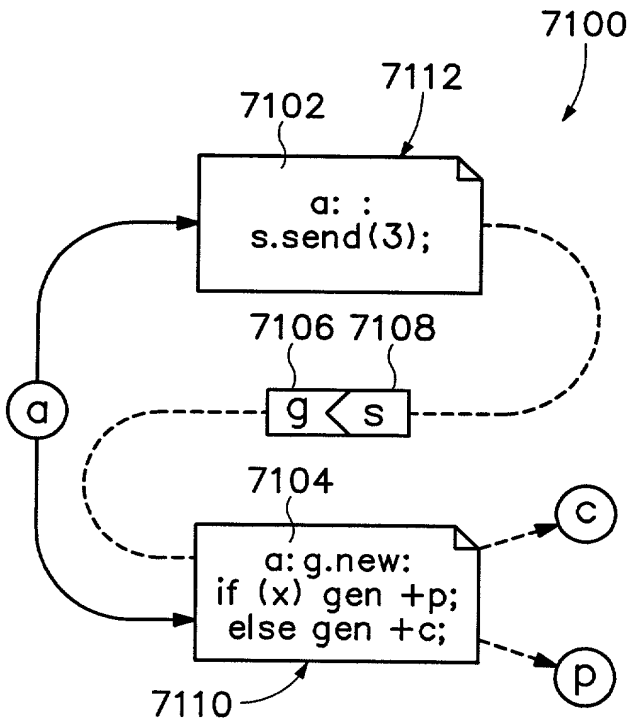


FIG.71

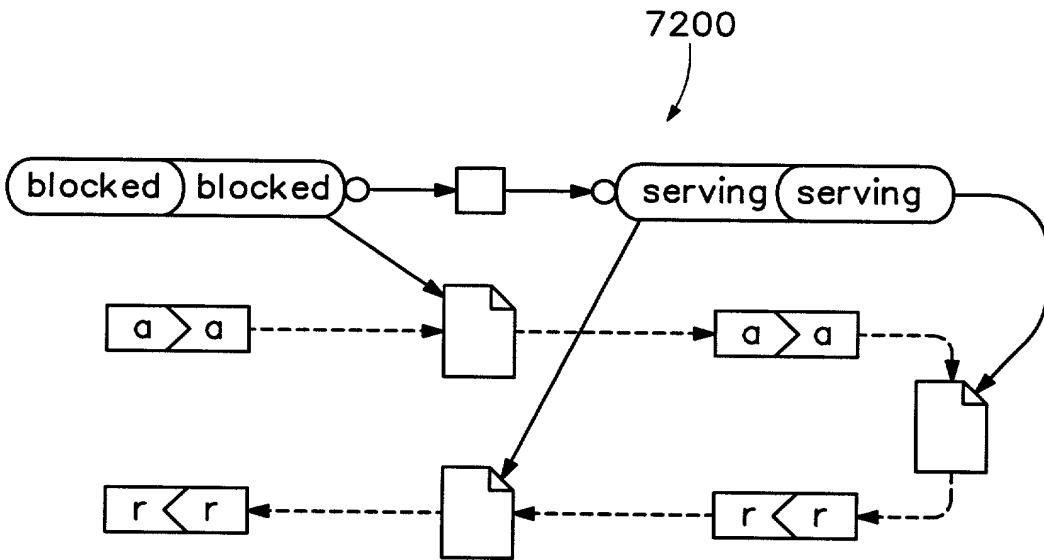
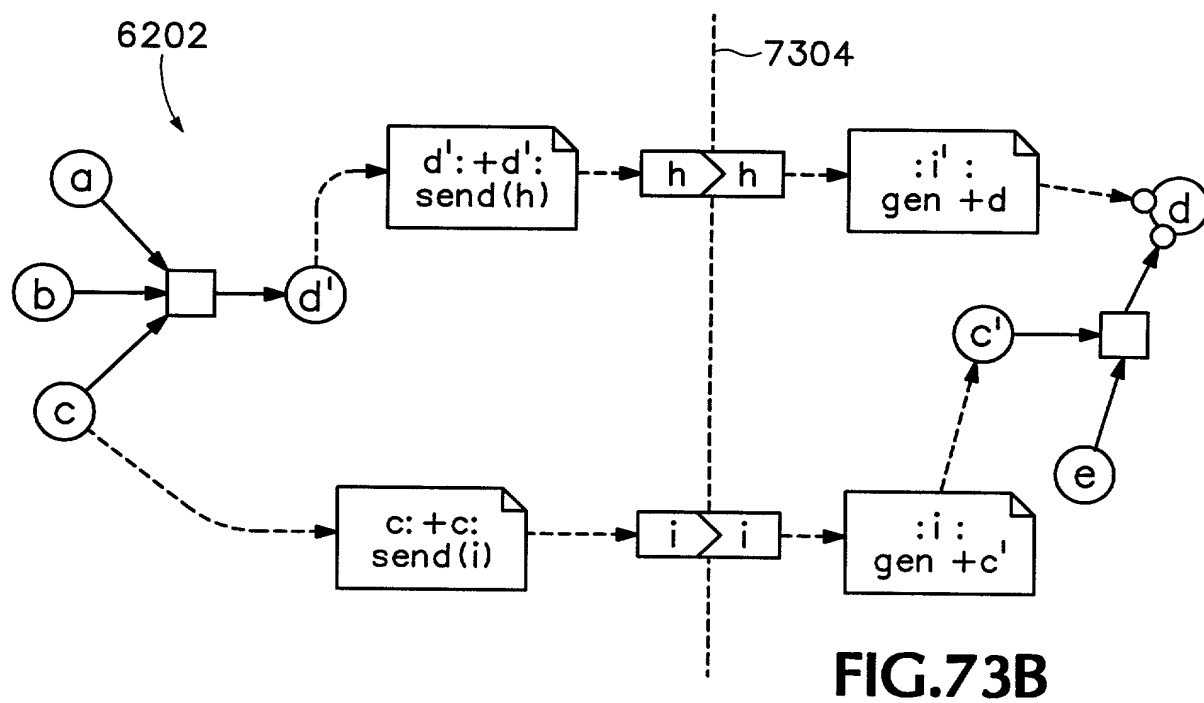
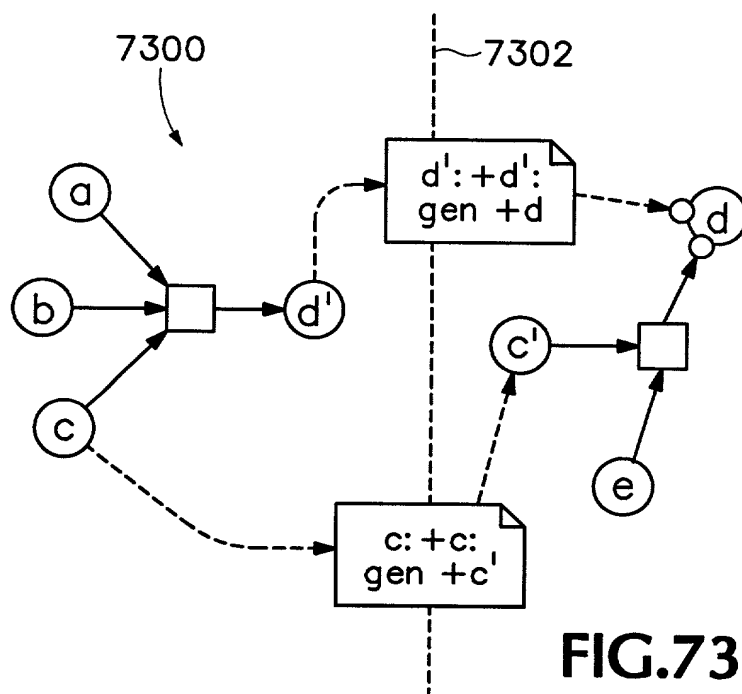


FIG.72



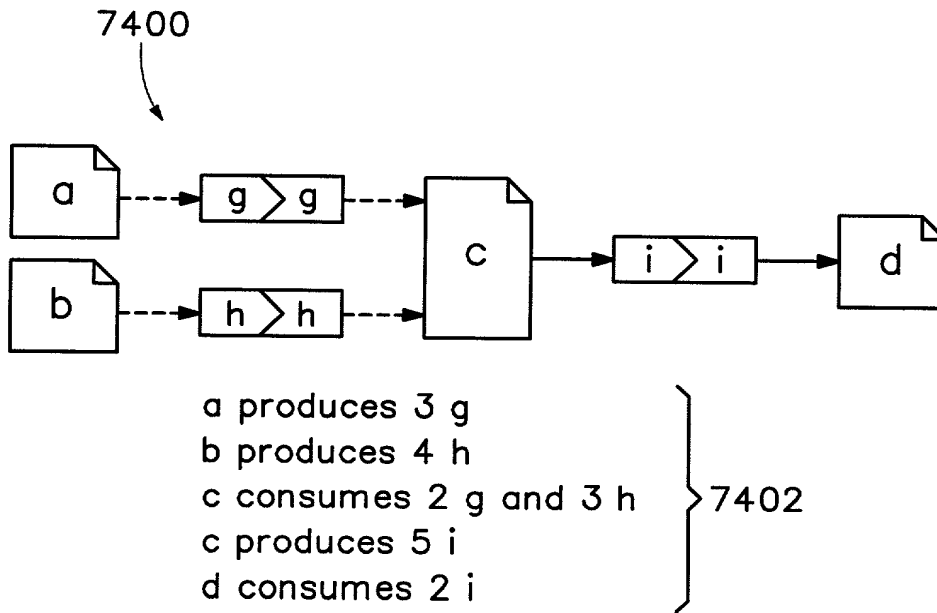


FIG.74A

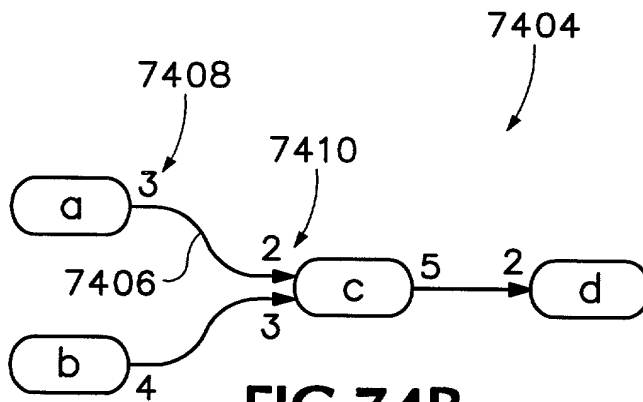


FIG.74B

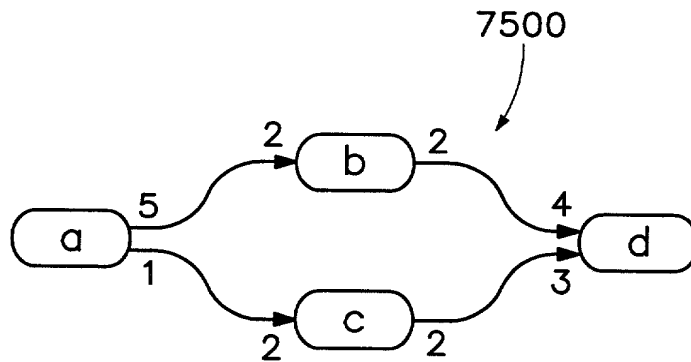


FIG.75